Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061918\

Quantitation Report (Not Reviewed)

Data File : VD058195.D
Acq On : 19 Jun 2018 15:34
Operator : VA/AP
Sample : VSTDICC005
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC005

Quant Time: Jun 20 05:01:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:00:55 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.65 | 168 | 996454 | 50.00 | ug/l | | 0.01 |
| 34) 1,4-Difluorobenzene | 6.69 | 114 | 1245670 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.69 | 117 | 1012220 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.91 | 152 | 513800 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.02 | 65 | 45047 | 4.43 | ug/l | | 0.01 |
| Spiked Amount 50.000 | | | Recovery = | 8.86% | | | |
| 35) Dibromofluoromethane | 5.55 | 113 | 47755 | 4.83 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 9.66% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 111804 | 4.72 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 9.44% | | | |
| 62) 4-Bromofluorobenzene | 11.93 | 95 | 48231 | 4.76 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 9.52% | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.34 | 85 | 46039 | 3.590 | ug/l | | 89 |
| 3) Chloromethane | 1.47 | 50 | 28453 | 4.497 | ug/l | | 93 |
| 4) Vinyl Chloride | 1.55 | 62 | 28019 | 4.533 | ug/l | # | 88 |
| 5) Bromomethane | 1.79 | 94 | 14183 | 6.063 | ug/l | | 88 |
| 6) Chloroethane | 1.88 | 64 | 11233 | 4.724 | ug/l | | 92 |
| 7) Trichlorofluoromethane | 2.08 | 101 | 39301 | 4.698 | ug/l | | 98 |
| 8) Diethyl Ether | 2.34 | 74 | 7200 | 4.518 | ug/l | | 81 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.55 | 101 | 24578 | 4.875 | ug/l | | 87 |
| 10) Methyl Iodide | 2.68 | 142 | 23297 | 3.604 | ug/l | # | 94 |
| 11) Tert butyl alcohol | 3.26 | 59 | 9115 | 33.318 | ug/l | # | 68 |
| 12) 1,1-Dichloroethene | 2.54 | 96 | 18361 | 4.738 | ug/l | | 85 |
| 13) Acrolein | 2.47 | 56 | 5737 | 16.719 | ug/l | # | 80 |
| 14) Allyl chloride | 2.92 | 41 | 40934 | 4.521 | ug/l | # | 95 |
| 15) Acrylonitrile | 3.35 | 53 | 22299 | 15.261 | ug/l | # | 90 |
| 16) Acetone | 2.62 | 43 | 37614 | 26.177 | ug/l | | 96 |
| 17) Carbon Disulfide | 2.75 | 76 | 63223 | 4.551 | ug/l | | 99 |
| 18) Methyl Acetate | 2.93 | 43 | 18175 | 6.383 | ug/l | | 94 |
| 19) Methyl tert-butyl Ether | 3.40 | 73 | 44264 | 2.735 | ug/l | | 98 |
| 20) Methylene Chloride | 3.07 | 84 | 28740 | 5.960 | ug/l | | 99 |
| 21) trans-1,2-Dichloroethene | 3.38 | 96 | 19790 | 2.478 | ug/l | # | 93 |
| 22) Diisopropyl ether | 4.07 | 45 | 167917 | 4.727 | ug/l | | 97 |
| 23) Vinyl Acetate | 4.01 | 43 | 392123 | 21.166 | ug/l | | 98 |
| 24) 1,1-Dichloroethane | 3.97 | 63 | 88897 | 4.546 | ug/l | | 99 |
| 25) 2-Butanone | 4.84 | 43 | 81847 | 25.382 | ug/l | | 98 |
| 26) 2,2-Dichloropropane | 4.79 | 77 | 81454 | 5.068 | ug/l | | 89 |
| 27) cis-1,2-Dichloroethene | 4.80 | 96 | 49563 | 4.802 | ug/l | | 94 |
| 28) Bromochloromethane | 5.15 | 49 | 34219 | 4.003 | ug/l | | 97 |
| 29) Tetrahydrofuran | 5.20 | 42 | 43916 | 25.650 | ug/l | | 96 |
| 30) Chloroform | 5.32 | 83 | 93911 | 4.745 | ug/l | | 92 |
| 31) Cyclohexane | 5.59 | 56 | 97484 | 5.773 | ug/l | | 92 |
| 32) 1,1,1-Trichloroethane | 5.51 | 97 | 79389 | 4.791 | ug/l | | 99 |
| 36) 1,1-Dichloropropene | 5.74 | 75 | 71532 | 5.318 | ug/l | | 96 |
| 37) Ethyl Acetate | 4.93 | 43 | 36495 | 4.858 | ug/l | | 98 |
| 38) Carbon Tetrachloride | 5.73 | 117 | 64270 | 4.832 | ug/l | | 95 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061918\

Quantitation Report (Not Reviewed)

Data File : VD058195.D
Acq On : 19 Jun 2018 15:34
Operator : VA/AP
Sample : VSTDICC005
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC005

Quant Time: Jun 20 05:01:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:00:55 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.28 | 83 | 69811 | 5.276 ug/l | 96 |
| 40) Benzene | 6.01 | 78 | 173877 | 5.531 ug/l | 95 |
| 41) Methacrylonitrile | 5.13 | 41 | 16839 | 4.944 ug/l # | 88 |
| 42) 1,2-Dichloroethane | 6.13 | 62 | 62832 | 4.928 ug/l | 98 |
| 43) Isopropyl Acetate | 7.63 | 43 | 46424 | 4.721 ug/l # | 98 |
| 44) Trichloroethene | 6.99 | 130 | 48677 | 5.299 ug/l | 94 |
| 45) 1,2-Dichloropropane | 7.35 | 63 | 43796 | 5.014 ug/l | 97 |
| 46) Dibromomethane | 7.47 | 93 | 26308 | 4.620 ug/l | 86 |
| 47) Bromodichloromethane | 7.74 | 83 | 63454 | 4.834 ug/l | 99 |
| 48) Methyl methacrylate | 7.51 | 41 | 29307 | 4.862 ug/l | 96 |
| 49) 1,4-Dioxane | 7.49 | 88 | 4242 | 82.260 ug/l # | 83 |
| 51) 4-Methyl-2-Pentanone | 8.60 | 43 | 160044 | 25.345 ug/l | 95 |
| 52) Toluene | 8.80 | 92 | 94042 | 5.207 ug/l | 100 |
| 53) t-1,3-Dichloropropene | 9.19 | 75 | 51596 | 4.516 ug/l | 97 |
| 54) cis-1,3-Dichloropropene | 8.37 | 75 | 62672 | 4.670 ug/l | 96 |
| 55) 1,1,2-Trichloroethane | 9.46 | 97 | 33296 | 5.591 ug/l | 91 |
| 56) Ethyl methacrylate | 9.32 | 69 | 35633 | 4.871 ug/l | 95 |
| 57) 1,3-Dichloropropane | 9.66 | 76 | 55944 | 5.417 ug/l | 98 |
| 58) 2-Chloroethyl Vinyl ether | 8.19 | 63 | 90723 | 24.454 ug/l | 96 |
| 59) 2-Hexanone | 9.79 | 43 | 115039 | 24.986 ug/l | 95 |
| 60) Dibromochloromethane | 9.96 | 129 | 40374 | 4.837 ug/l | 85 |
| 61) 1,2-Dibromoethane | 10.10 | 107 | 34048 | 4.982 ug/l | 99 |
| 64) Tetrachloroethene | 9.52 | 164 | 46910 | 5.250 ug/l | 91 |
| 65) Chlorobenzene | 10.73 | 112 | 108807 | 5.410 ug/l | 96 |
| 66) 1,1,1,2-Tetrachloroethane | 10.85 | 131 | 36201 | 4.676 ug/l | 96 |
| 67) Ethyl Benzene | 10.86 | 91 | 198448 | 5.487 ug/l | 93 |
| 68) m/p-Xylenes | 11.01 | 106 | 131953 | 11.128 ug/l | 99 |
| 69) o-Xylene | 11.41 | 106 | 60591 | 5.203 ug/l | 90 |
| 70) Styrene | 11.44 | 104 | 102569 | 5.289 ug/l | 99 |
| 71) Bromoform | 11.60 | 173 | 24286 | 4.091 ug/l | 96 |
| 73) Isopropylbenzene | 11.77 | 105 | 181047 | 5.427 ug/l | 98 |
| 74) N-amyl acetate | 11.65 | 43 | 61338 | 4.692 ug/l | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 12.08 | 83 | 38294 | 5.138 ug/l | 87 |
| 76) 1,2,3-Trichloropropane | 12.12 | 75 | 40930 | 5.277 ug/l | 91 |
| 77) Bromobenzene | 12.05 | 156 | 52536 | 5.303 ug/l | 96 |
| 78) n-propylbenzene | 12.16 | 91 | 234597 | 5.375 ug/l | 97 |
| 79) 2-Chlorotoluene | 12.21 | 91 | 127769 | 5.139 ug/l | 99 |
| 80) 1,3,5-Trimethylbenzene | 12.32 | 105 | 140417 | 5.348 ug/l | 97 |
| 81) trans-1,4-Dichloro-2-buten | 11.85 | 75 | 8796 | 4.605 ug/l | 95 |
| 82) 4-Chlorotoluene | 12.33 | 91 | 155632 | 5.672 ug/l | 100 |
| 83) tert-Butylbenzene | 12.58 | 119 | 157062 | 5.318 ug/l | 99 |
| 84) 1,2,4-Trimethylbenzene | 12.63 | 105 | 152589 | 5.441 ug/l | 99 |
| 85) sec-Butylbenzene | 12.76 | 105 | 188424 | 5.281 ug/l | 99 |
| 86) p-Isopropyltoluene | 12.88 | 119 | 144154 | 5.046 ug/l | 95 |
| 87) 1,3-Dichlorobenzene | 12.84 | 146 | 91611 | 5.437 ug/l | 98 |
| 88) 1,4-Dichlorobenzene | 12.93 | 146 | 92290 | 5.591 ug/l | 90 |
| 89) n-Butylbenzene | 13.20 | 91 | 159196 | 5.355 ug/l | 96 |
| 90) Hexachloroethane | 13.41 | 117 | 35126 | 4.790 ug/l | 76 |
| 91) 1,2-Dichlorobenzene | 13.20 | 146 | 78212 | 5.647 ug/l | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.78 | 75 | 5101 | 4.426 ug/l | 89 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061918\

Quantitation Report (Not Reviewed)

Data File : VD058195.D
Acq On : 19 Jun 2018 15:34
Operator : VA/AP
Sample : VSTDICC005
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC005

Quant Time: Jun 20 05:01:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:00:55 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.34 | 180 | 68083 | 5.273 | ug/l | 93 |
| 94) Hexachlorobutadiene | 14.44 | 225 | 56981 | 5.660 | ug/l | 97 |
| 95) Naphthalene | 14.52 | 128 | 85229 | 5.030 | ug/l | 98 |
| 96) 1,2,3-Trichlorobenzene | 14.67 | 180 | 64140 | 5.799 | ug/l | 91 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

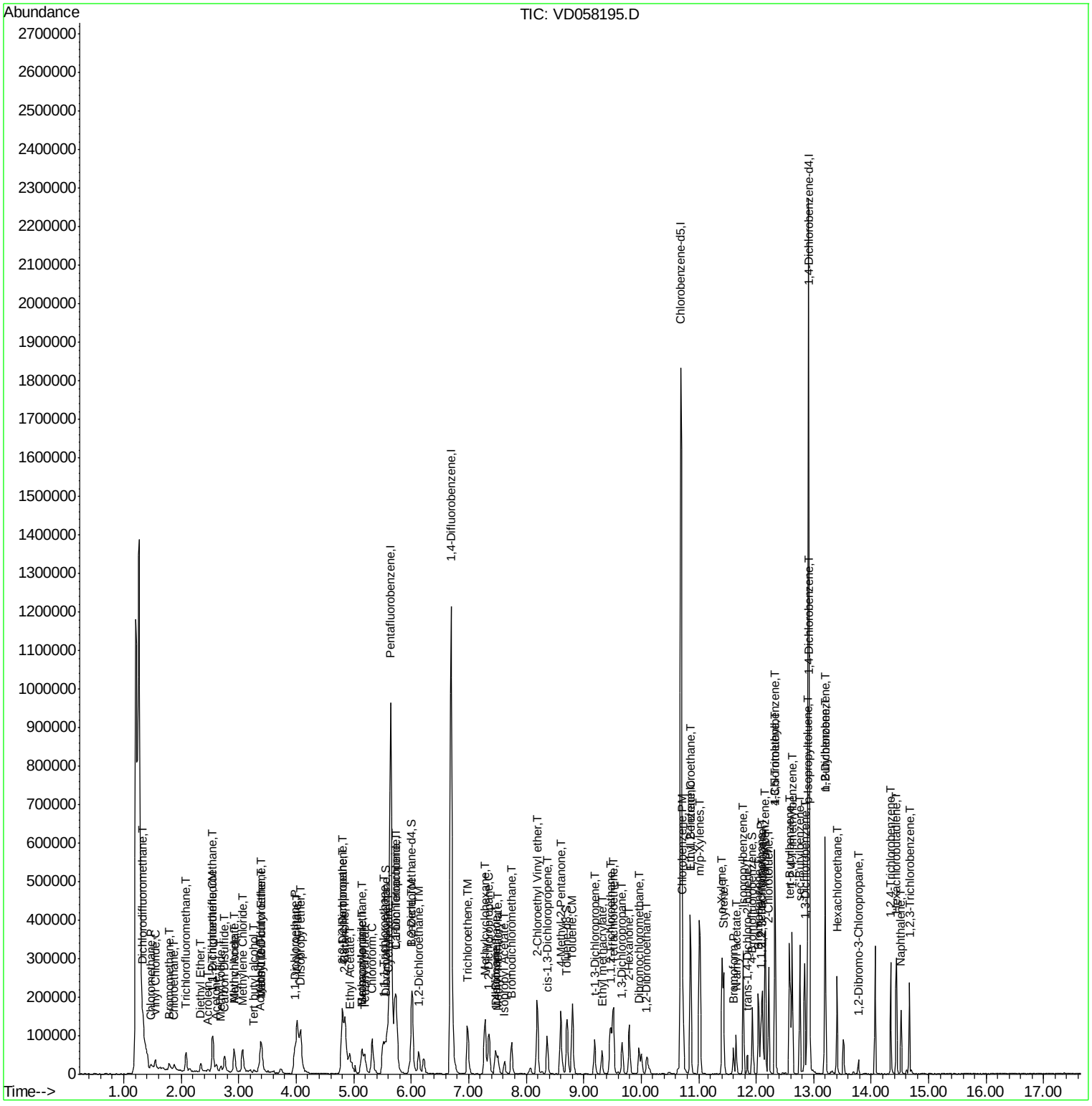
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061918\

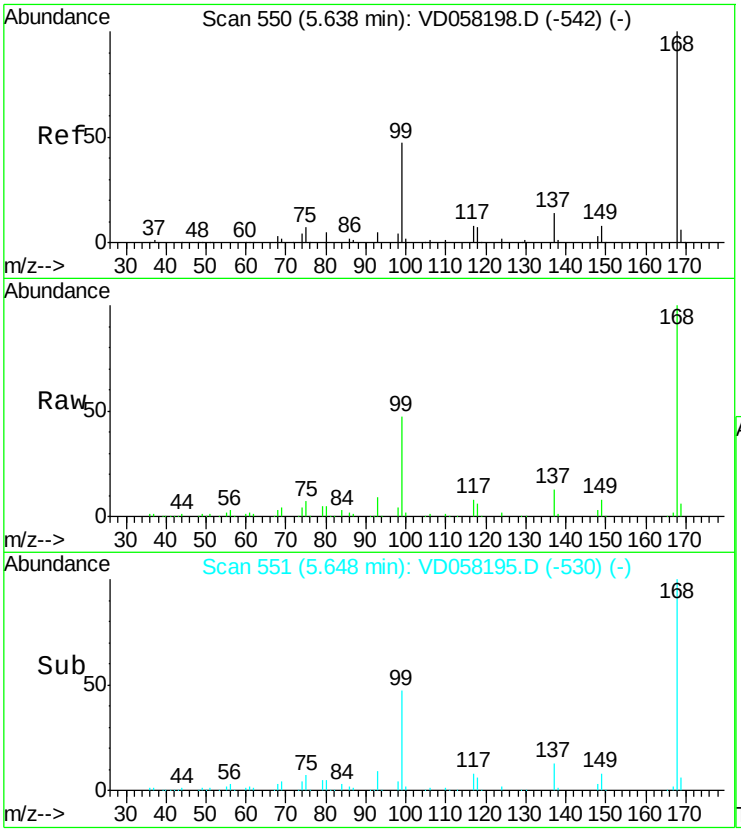
Quantitation Report (Not Reviewed)

Data File : VD058195.D
Acq On : 19 Jun 2018 15:34
Operator : VA/AP
Sample : VSTDICC005
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Quant Time: Jun 20 05:01:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:00:55 2018
Response via : Initial Calibration



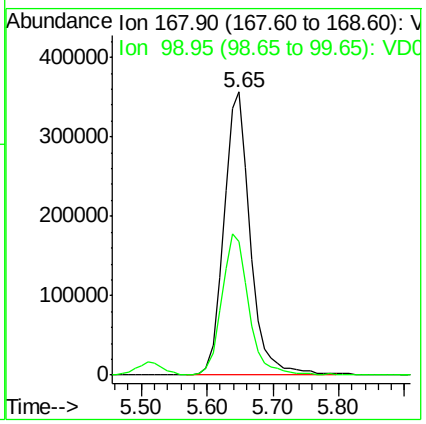


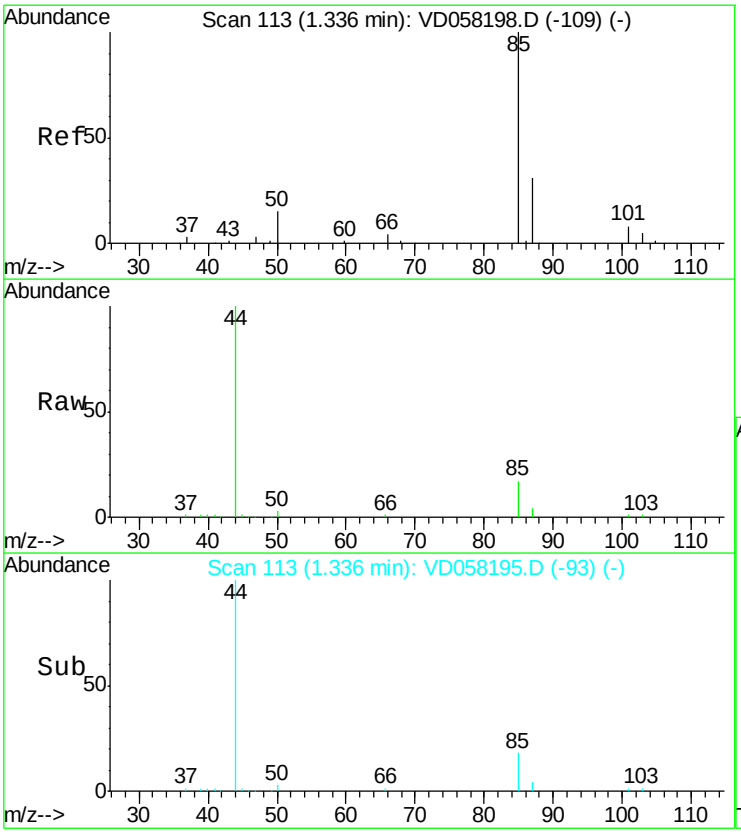

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 551
Delta R.T. 0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion:168 Resp: 996454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 47.2 | 41.1 | 61.7 |

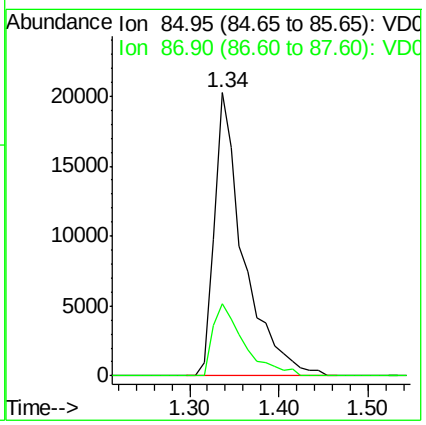


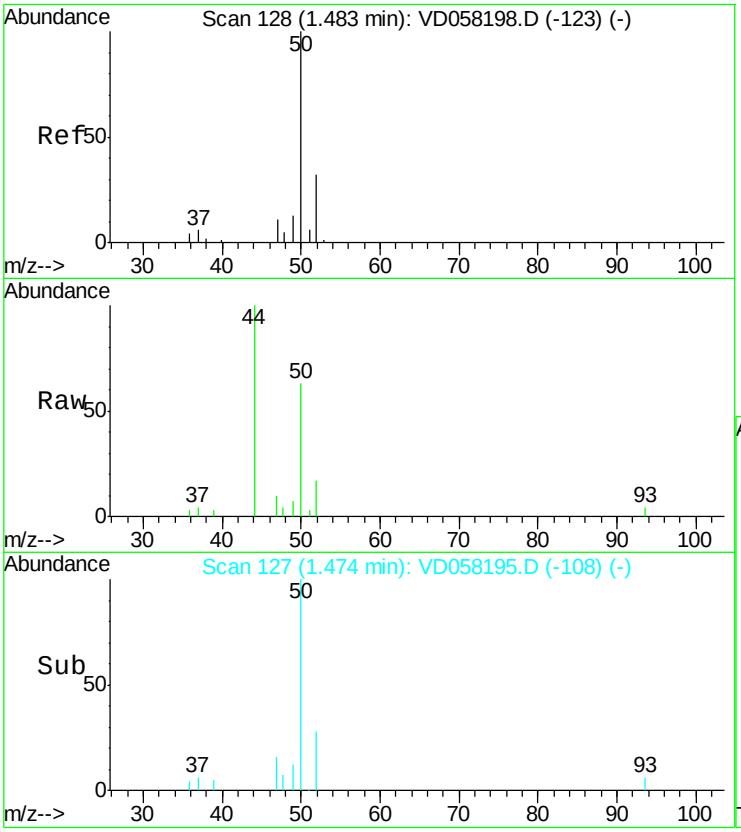




#2
Dichlorodifluoromethane
Concen: 3.590 ug/l
RT: 1.34 min Scan# 113
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 85 Resp: 46039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 25.3 | 15.7 | 47.0 |



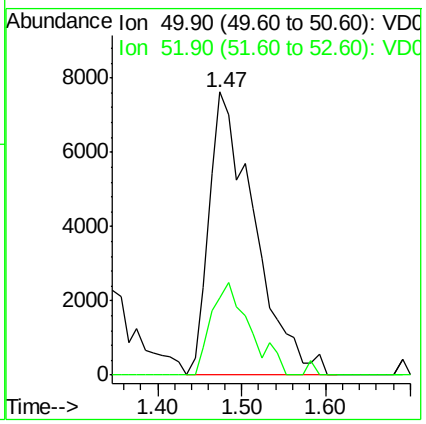


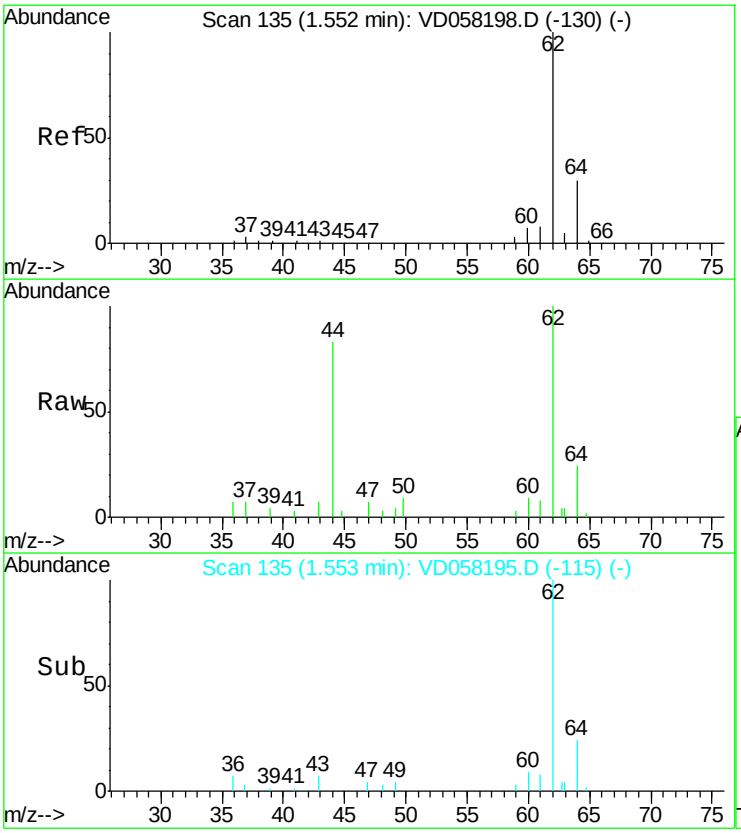

#3
Chloromethane
Concen: 4.497 ug/l
RT: 1.47 min Scan# 127
Delta R.T. -0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 50 Resp: 28453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 27.5 | 25.0 | 37.4 |

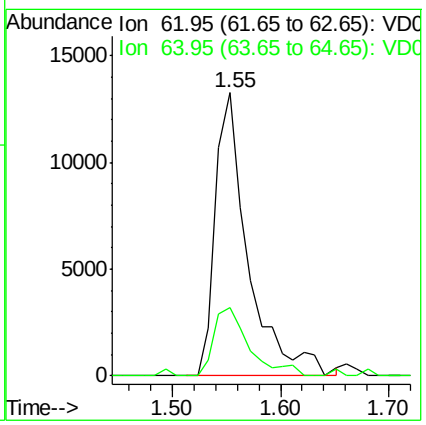


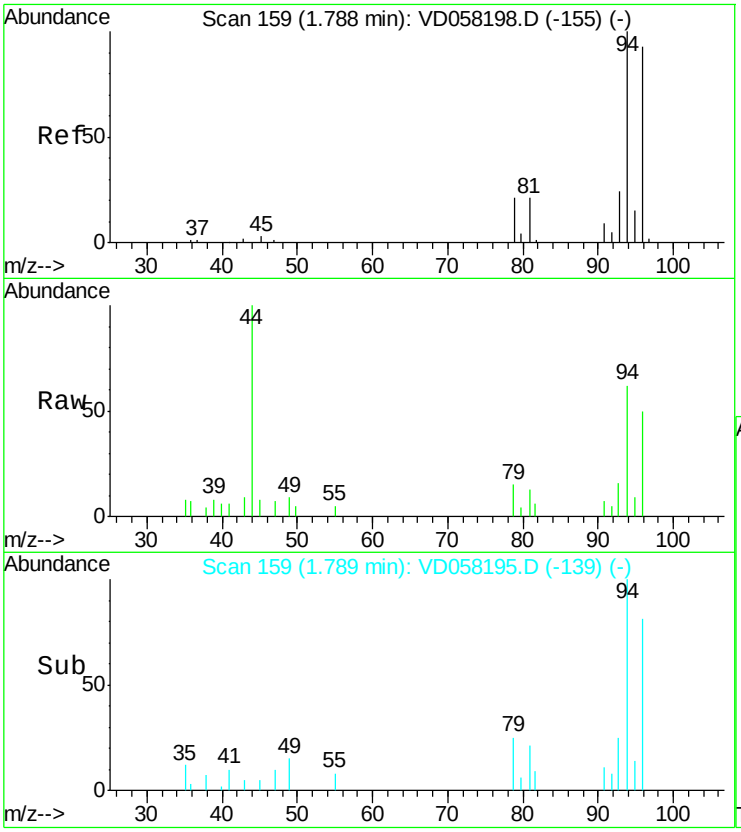




#4
Vinyl Chloride
Concen: 4.533 ug/l
RT: 1.55 min Scan# 135
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 62 Resp: 28019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 23.9 | 24.4 | 36.6# |



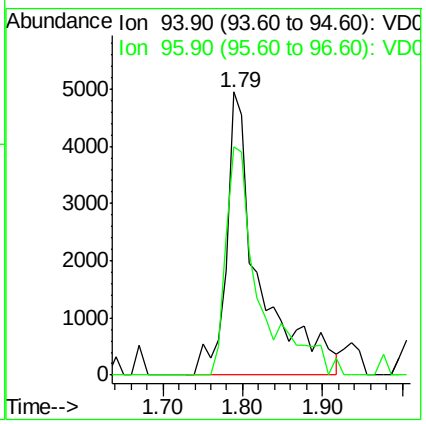


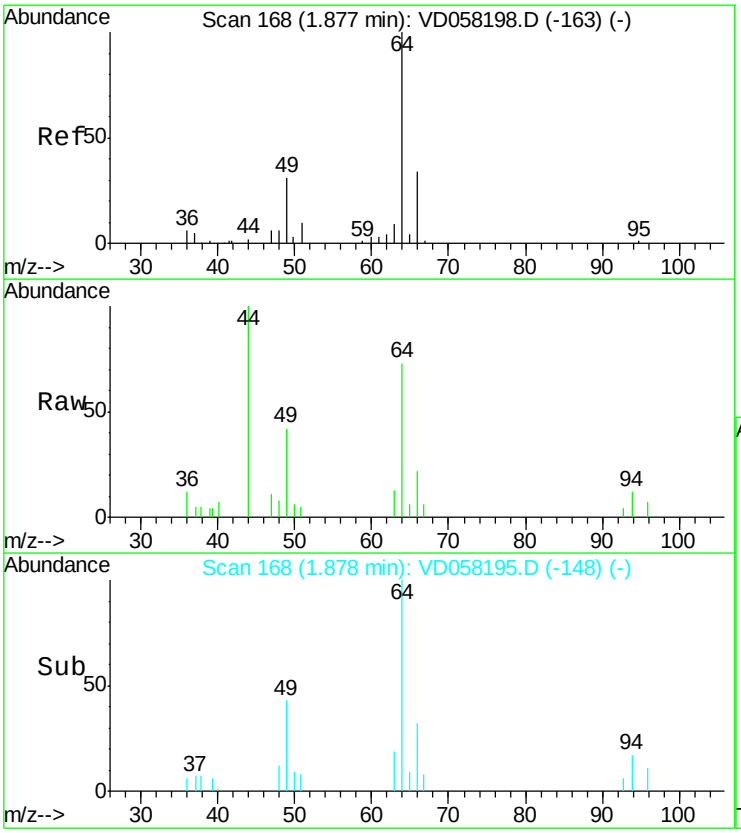

#5
Bromomethane
Concen: 6.063 ug/l
RT: 1.79 min Scan# 159
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 94 Resp: 14183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 80.8 | 74.2 | 111.2 |

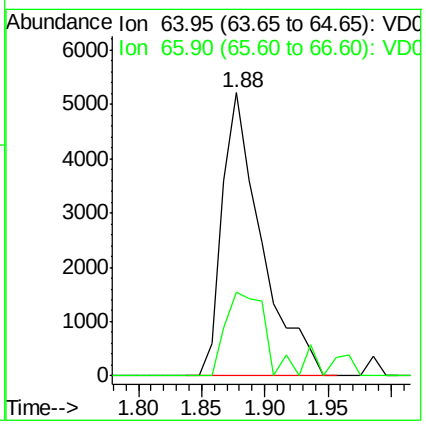


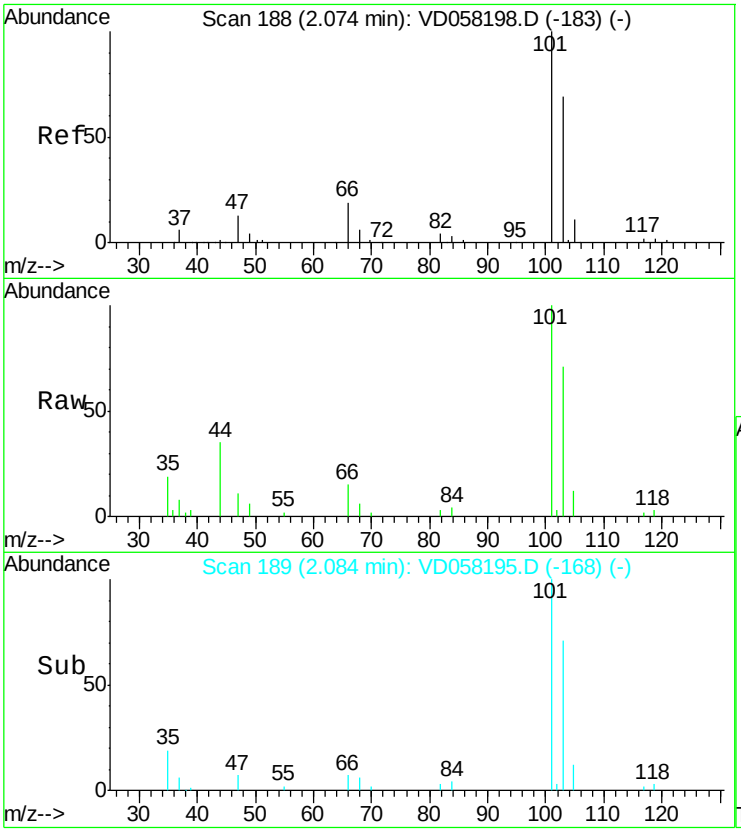




#6
Chloroethane
Concen: 4.724 ug/l
RT: 1.88 min Scan# 168
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 64 Resp: 11233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 29.7 | 27.3 | 40.9 |



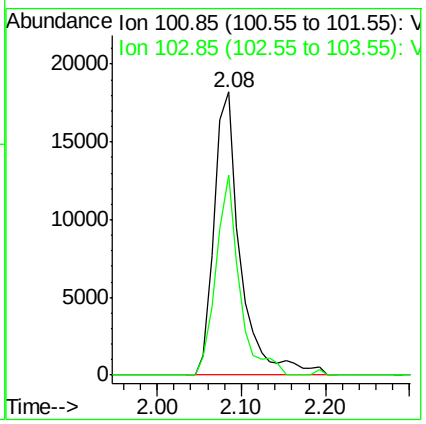


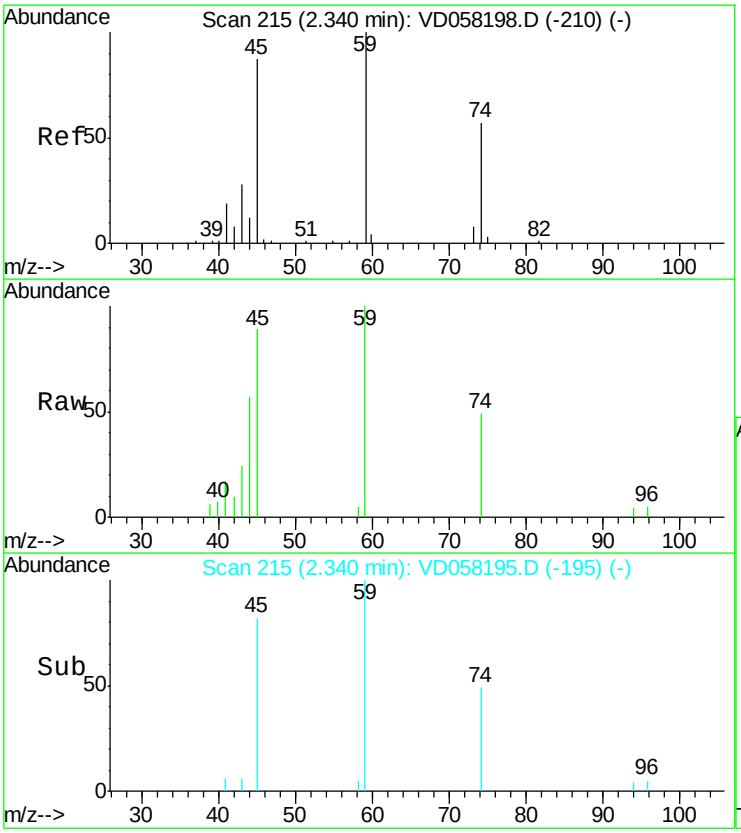

#7
Trichlorofluoromethane
Concen: 4.698 ug/l
RT: 2.08 min Scan# 189
Delta R.T. 0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion:101 Resp: 39301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 70.5 | 55.1 | 82.7 |

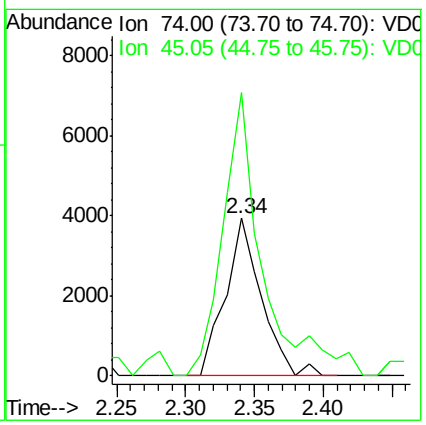


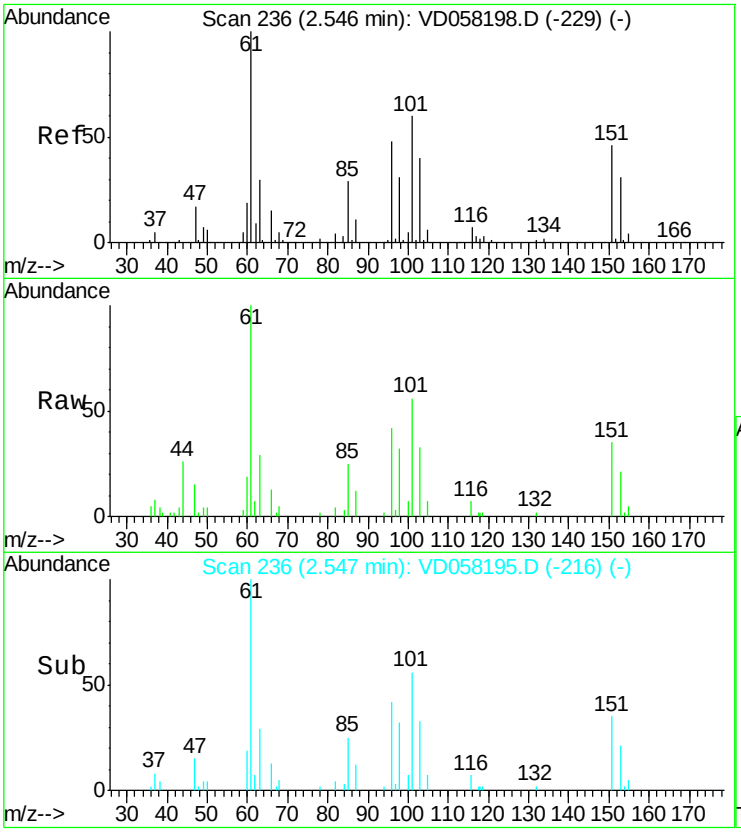




#8
Diethyl Ether
Concen: 4.518 ug/l
RT: 2.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 74 Resp: 7200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 179.9 | 77.5 | 232.6 |



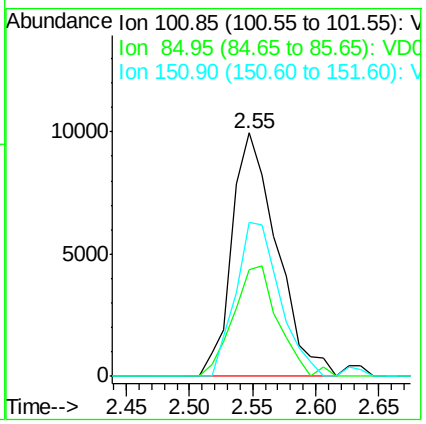


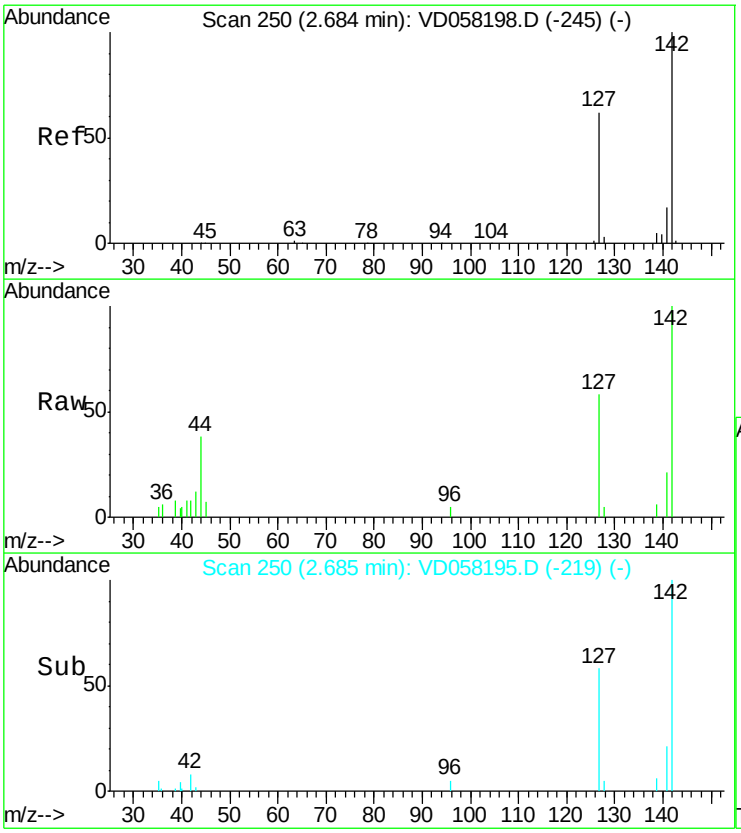

#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.875 ug/l
RT: 2.55 min Scan# 236
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion:101 Resp: 24578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.8 | 39.0 | 58.4 |
| 151 | 63.2 | 61.8 | 92.8 |

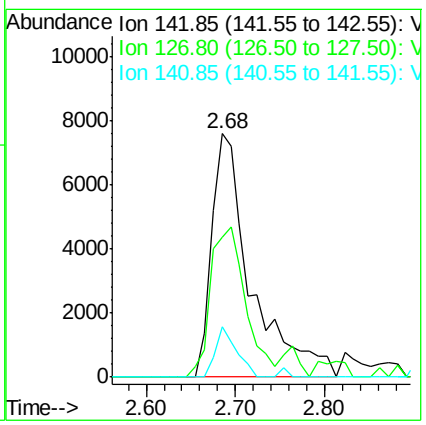


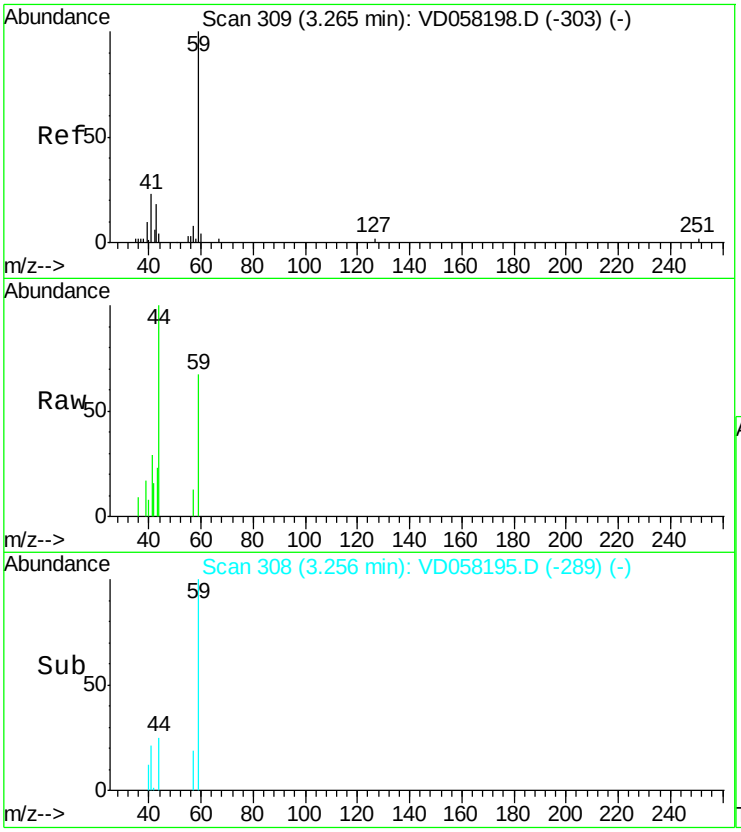




#10
Methyl Iodide
Concen: 3.604 ug/l
RT: 2.68 min Scan# 250
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion:142 Resp: 23297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 57.7 | 49.4 | 74.0 |
| 141 | 20.9 | 13.5 | 20.3# |



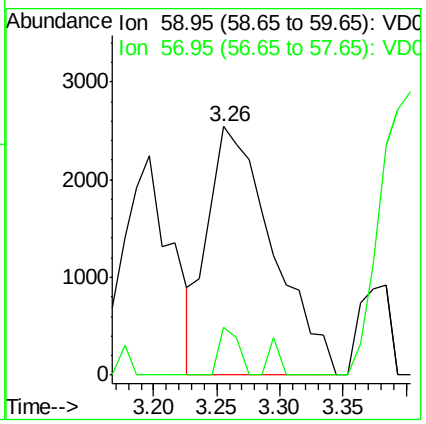


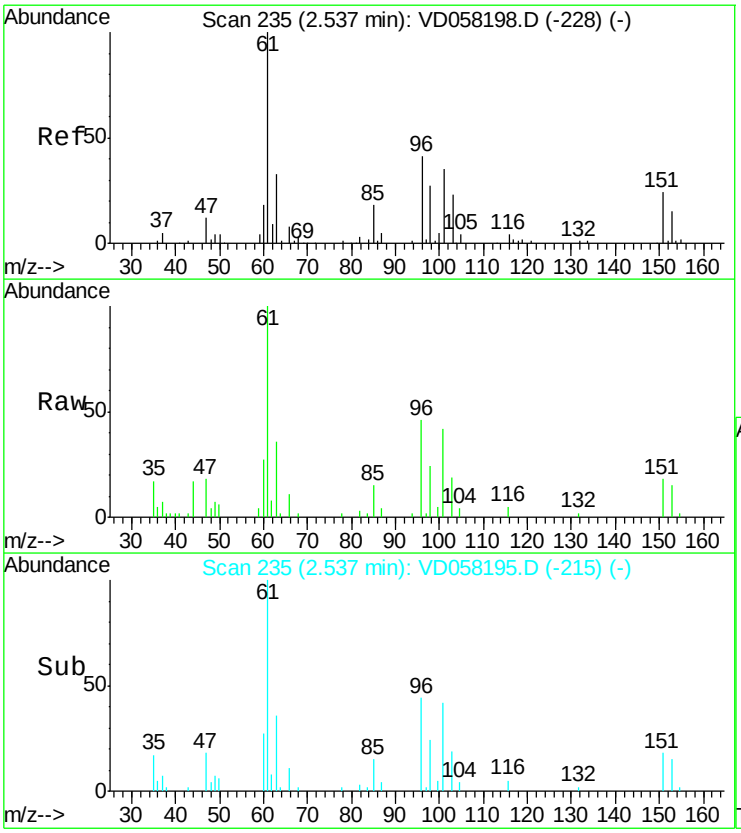

#11
Tert butyl alcohol
Concen: 33.318 ug/l
RT: 3.26 min Scan# 308
Delta R.T. -0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 59 Resp: 9115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 19.2 | 6.2 | 9.4# |

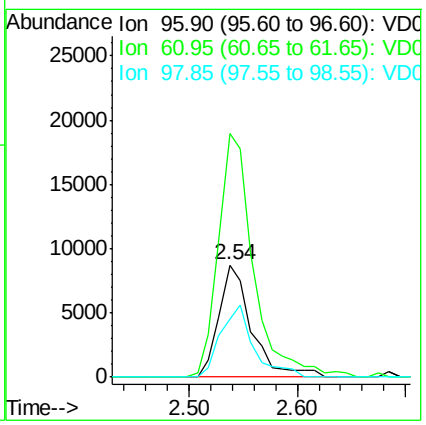


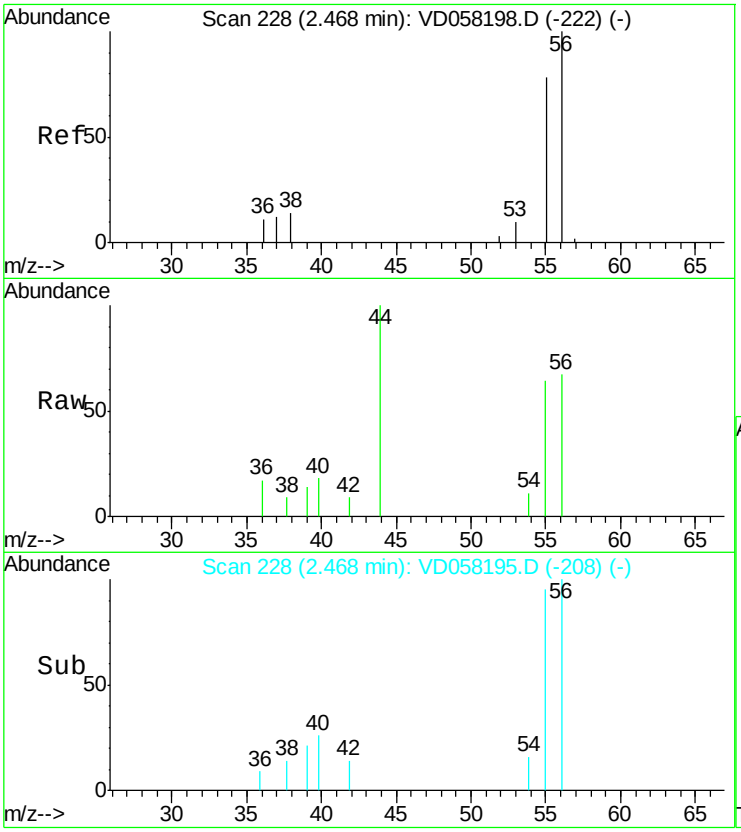




#12
1,1-Dichloroethene
Concen: 4.738 ug/l
RT: 2.54 min Scan# 235
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 96 Resp: 18361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 216.7 | 193.9 | 290.9 |
| 98 | 52.1 | 51.7 | 77.5 |



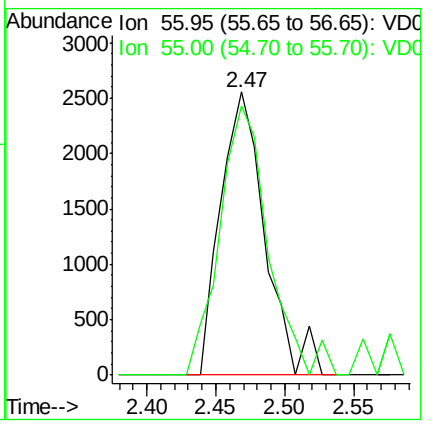


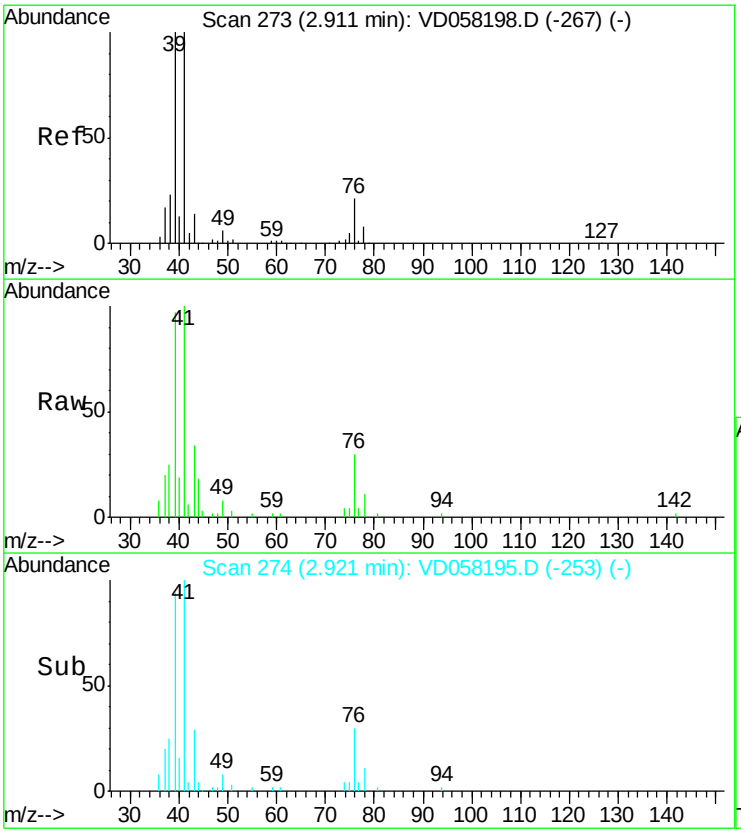

#13
Acrolein
Concen: 16.719 ug/l
RT: 2.47 min Scan# 228
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC005

Tgt Ion: 56 Resp: 5737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 95.1 | 62.1 | 93.1# |

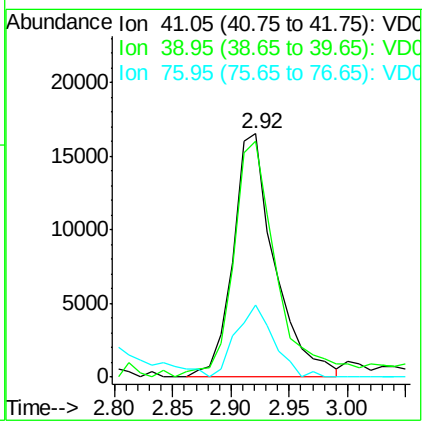


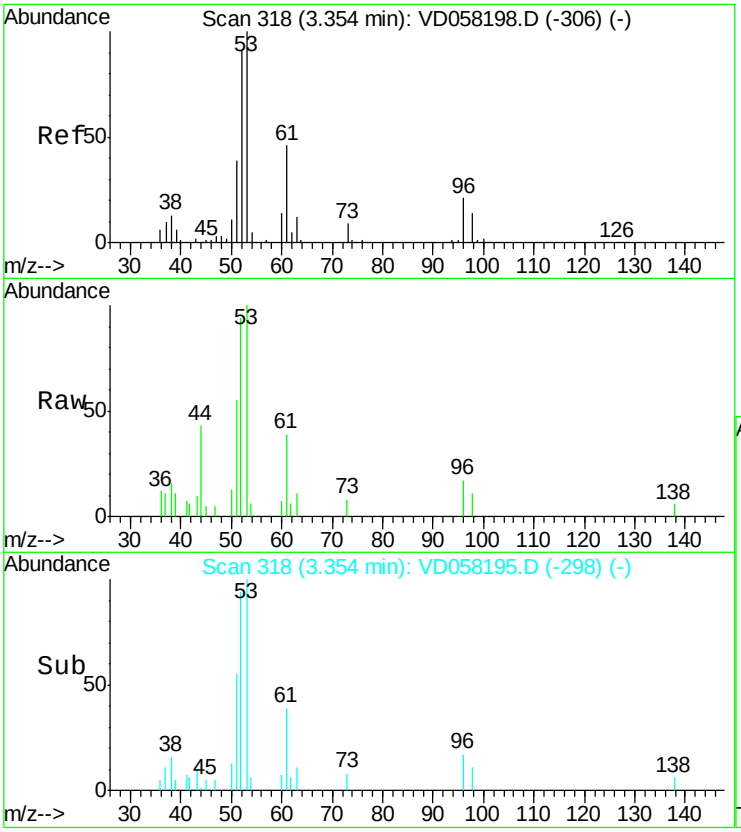




#14
Allyl chloride
Concen: 4.521 ug/l
RT: 2.92 min Scan# 274
Delta R.T. 0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 41 Resp: 40934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 97.0 | 80.1 | 120.1 |
| 76 | 29.5 | 19.4 | 29.2# |



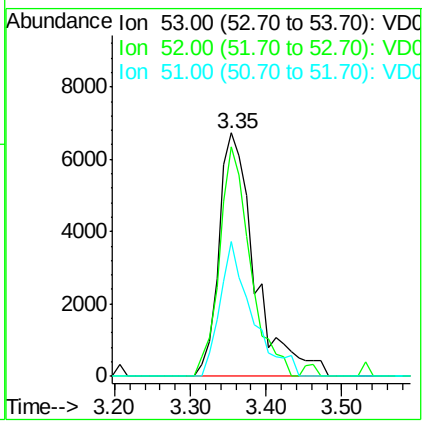


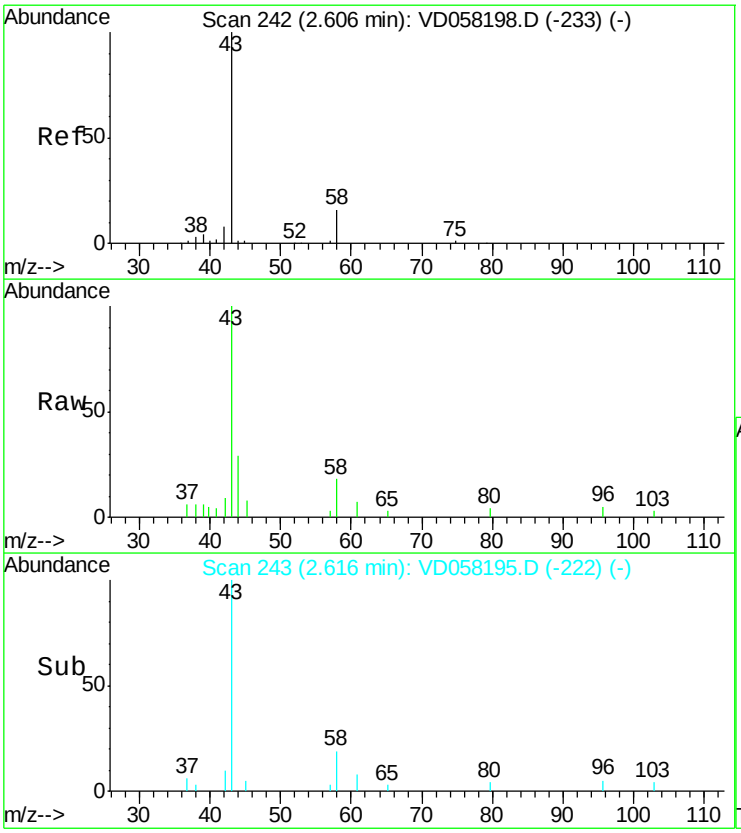

#15
Acrylonitrile
Concen: 15.261 ug/l
RT: 3.35 min Scan# 318
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 53 Resp: 22299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 94.4 | 72.6 | 108.8 |
| 51 | 55.1 | 32.2 | 48.4# |

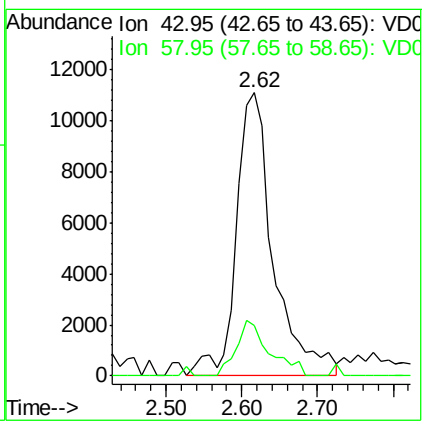


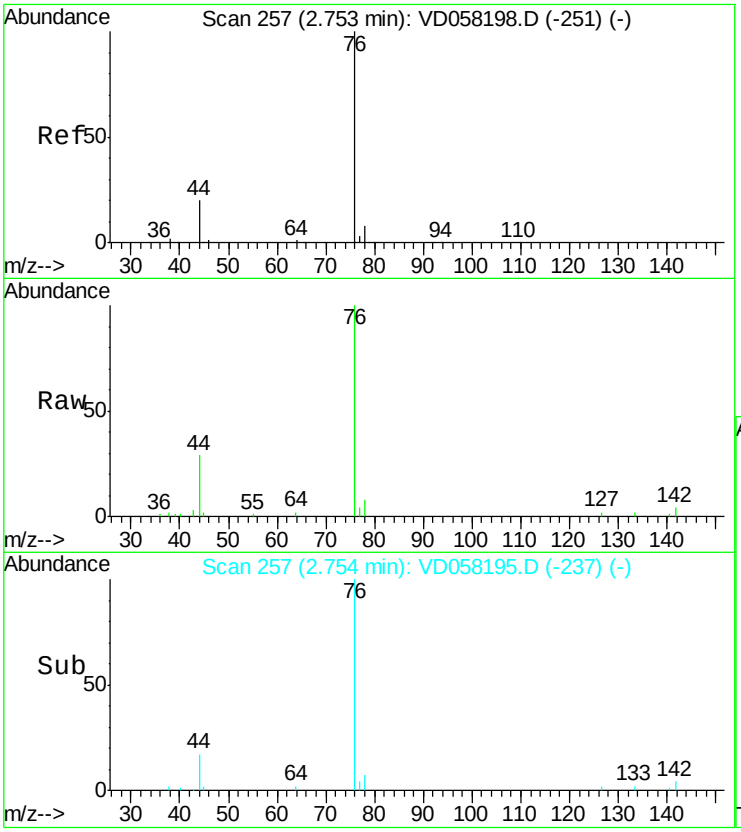




#16
Acetone
Concen: 26.177 ug/l
RT: 2.62 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 43 Resp: 37614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 17.6 | 12.7 | 19.1 |



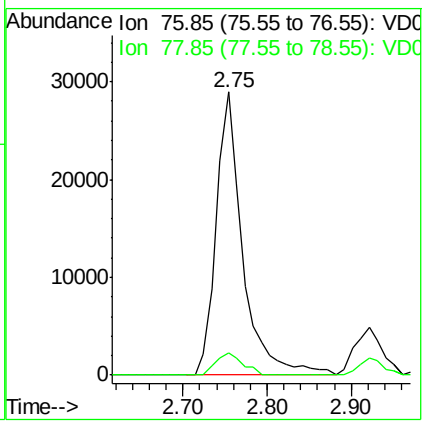


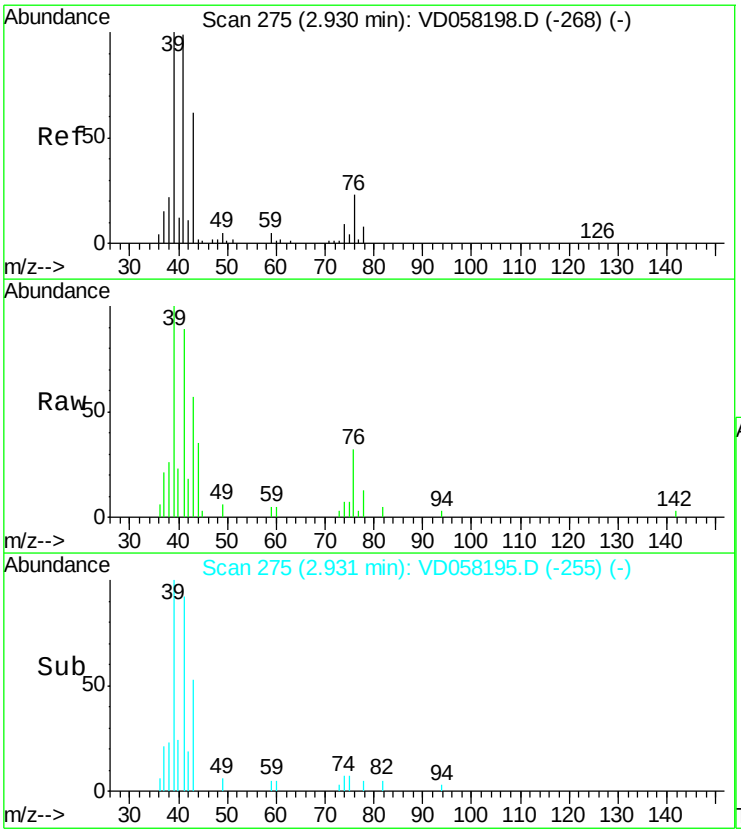

#17
Carbon Disulfide
Concen: 4.551 ug/l
RT: 2.75 min Scan# 257
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 76 Resp: 63223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.0 | 6.8 | 10.2 |

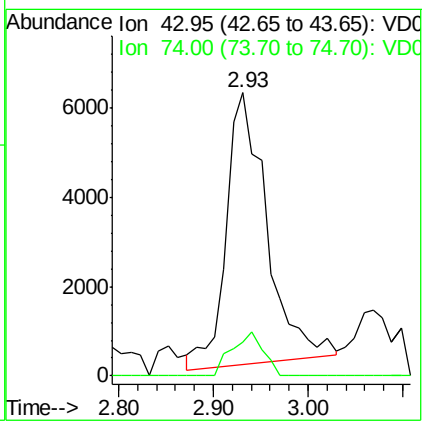


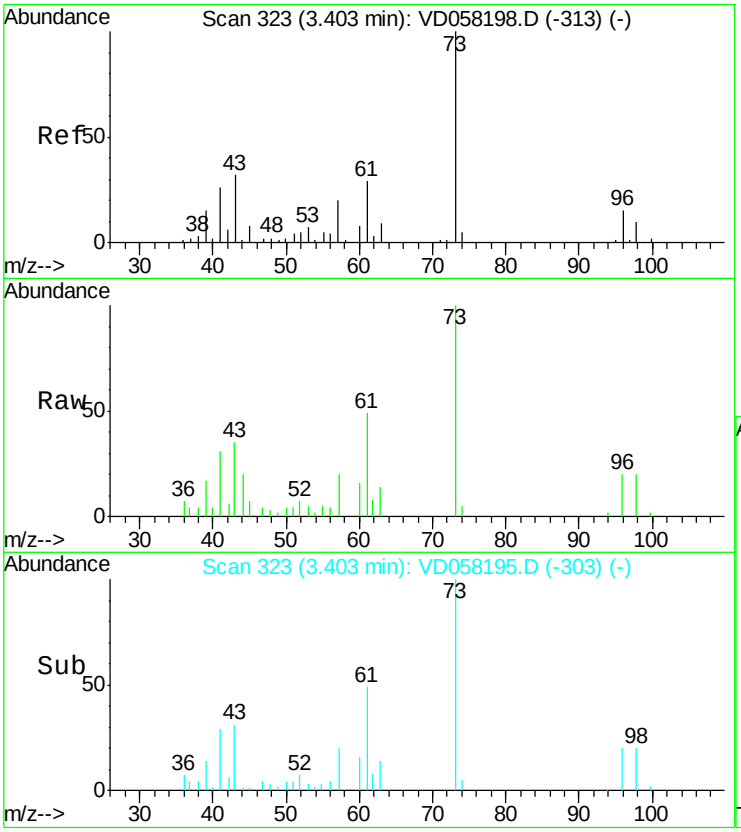




#18
Methyl Acetate
Concen: 6.383 ug/l
RT: 2.93 min Scan# 275
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 43 Resp: 18175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 11.9 | 11.7 | 17.5 |



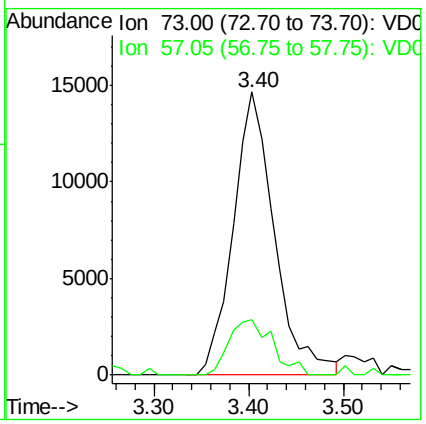


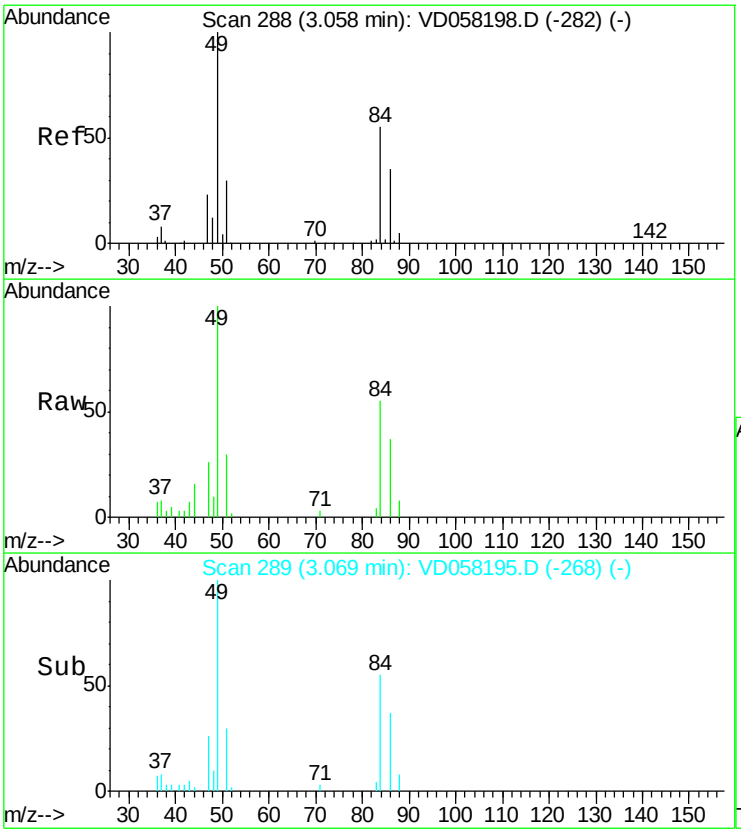

#19
Methyl tert-butyl Ether
Concen: 2.735 ug/l
RT: 3.40 min Scan# 323
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC005

Tgt Ion: 73 Resp: 44264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 19.8 | 16.6 | 24.8 |

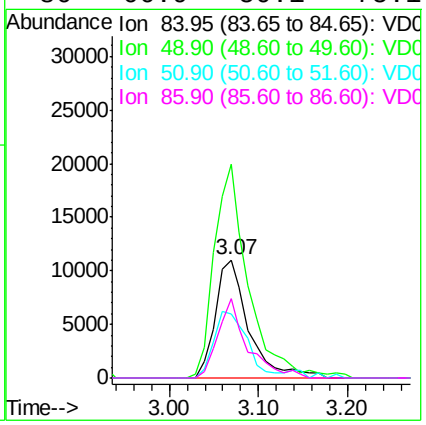


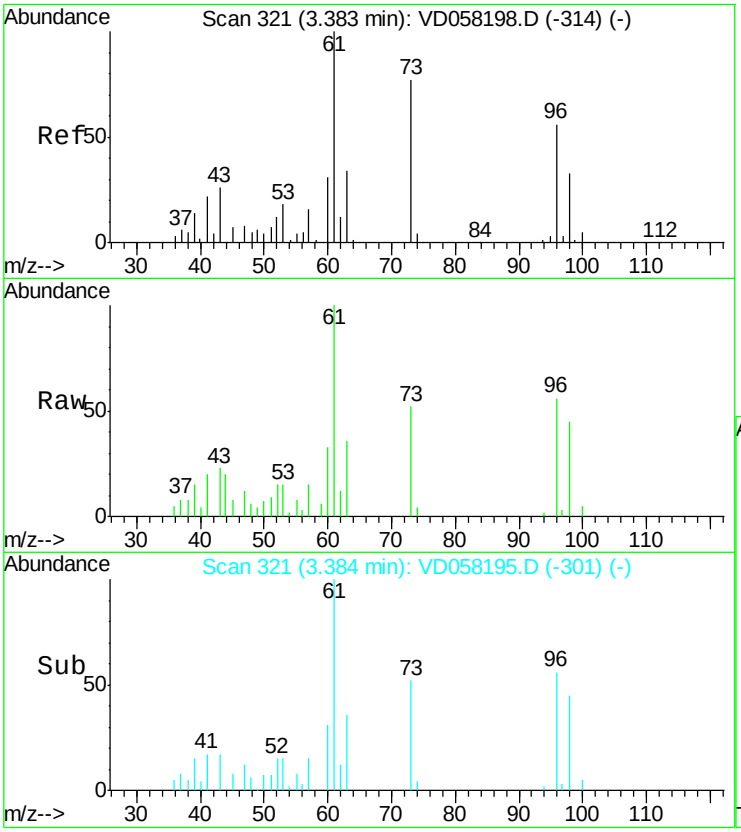




#20
Methylene Chloride
Concen: 5.960 ug/l
RT: 3.07 min Scan# 289
Delta R.T. 0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 84 Resp: 28740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 180.8 | 145.0 | 217.6 |
| 51 | 53.9 | 42.9 | 64.3 |
| 86 | 66.9 | 50.1 | 75.1 |



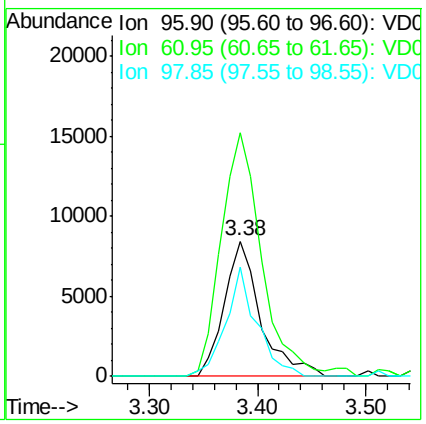


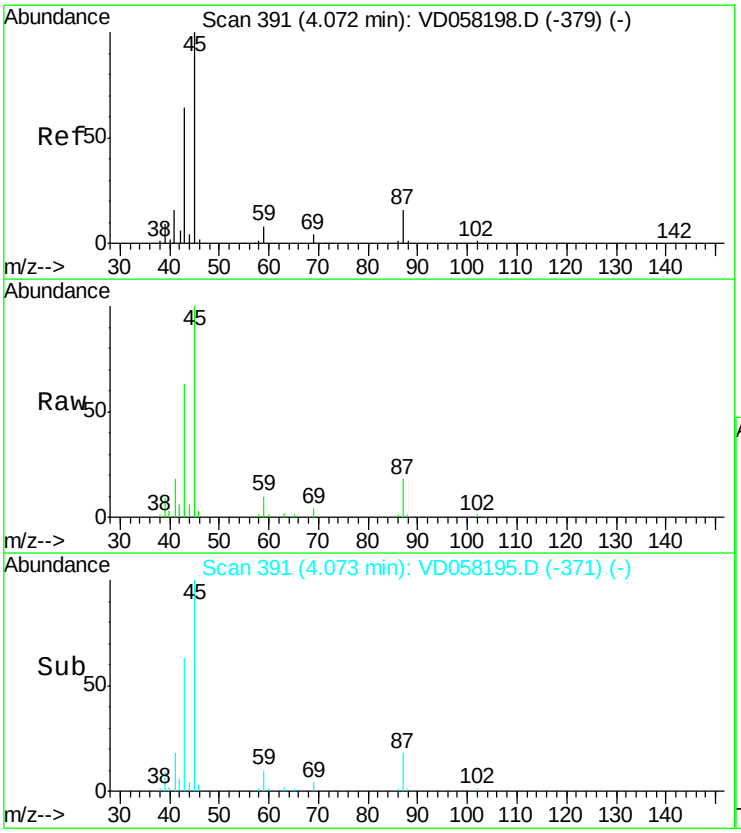

#21
trans-1,2-Dichloroethene
Concen: 2.478 ug/l
RT: 3.38 min Scan# 321
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 96 Resp: 19790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 179.8 | 143.8 | 215.6 |
| 98 | 80.5 | 48.0 | 72.0# |

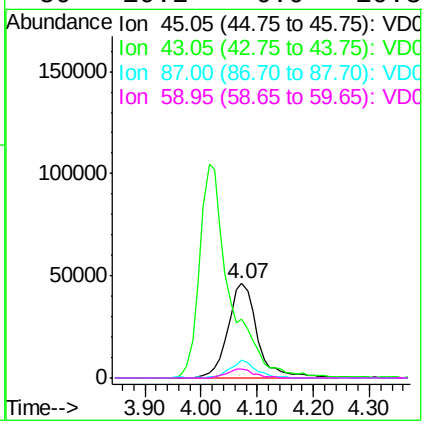


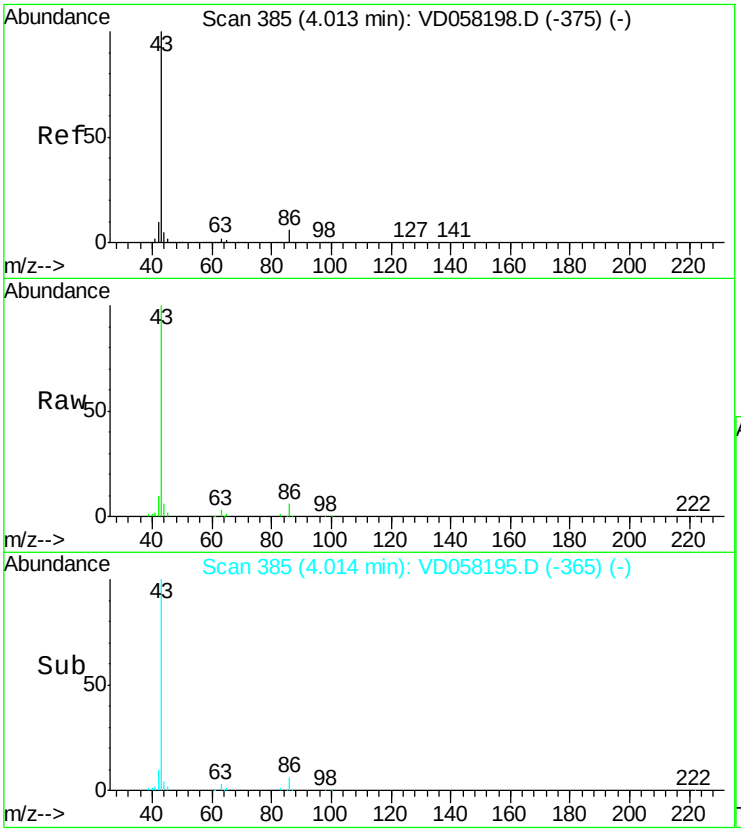




#22
Diisopropyl ether
Concen: 4.727 ug/l
RT: 4.07 min Scan# 391
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 45 Resp: 167917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 62.9 | 51.4 | 77.0 |
| 87 | 18.5 | 13.0 | 19.4 |
| 59 | 10.2 | 6.9 | 10.3 |



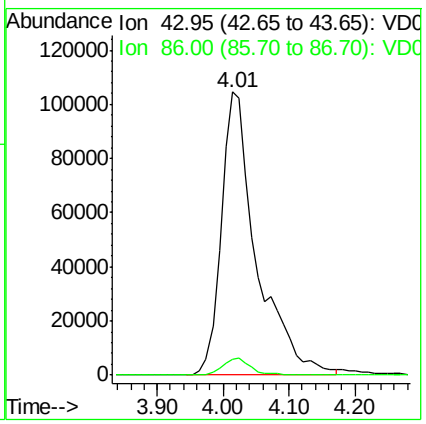


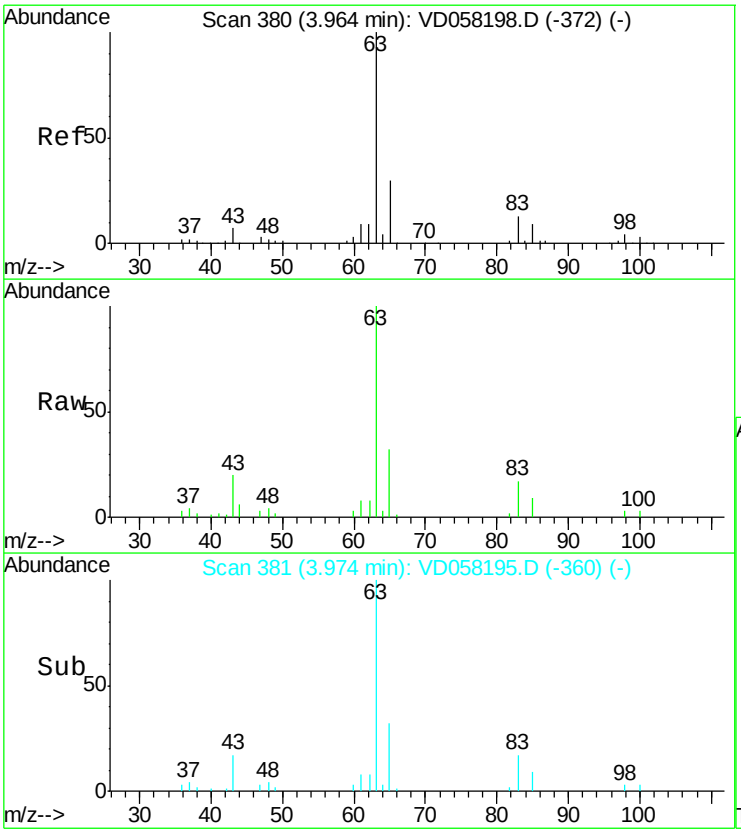

#23
Vinyl Acetate
Concen: 21.166 ug/l
RT: 4.01 min Scan# 385
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC005

Tgt Ion: 43 Resp: 392123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 5.6 | 5.0 | 7.4 |

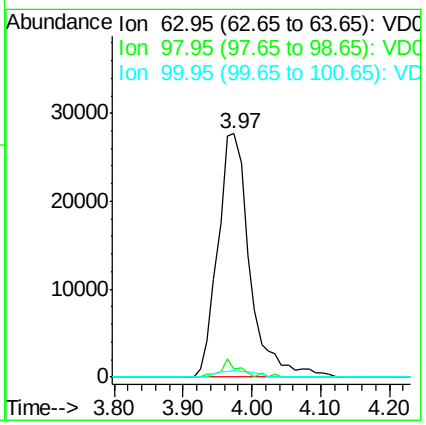


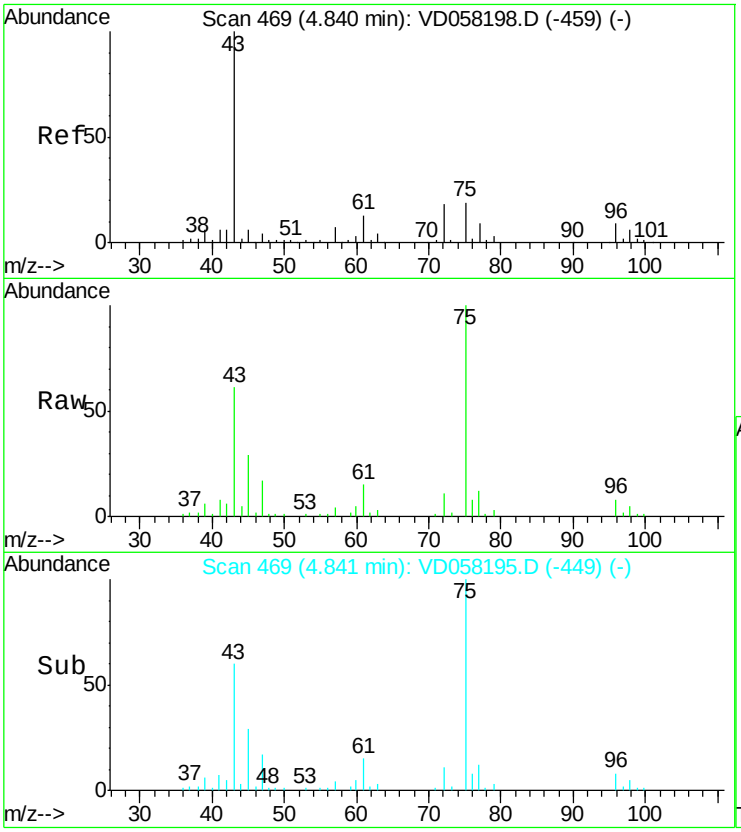




#24
1,1-Dichloroethane
Concen: 4.546 ug/l
RT: 3.97 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 63 Resp: 88897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 3.3 | 1.9 | 5.7 |
| 100 | 2.7 | 1.3 | 3.9 |



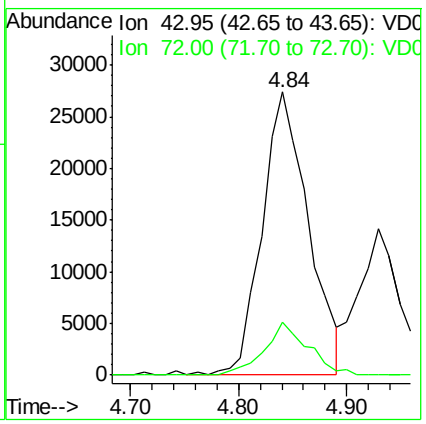


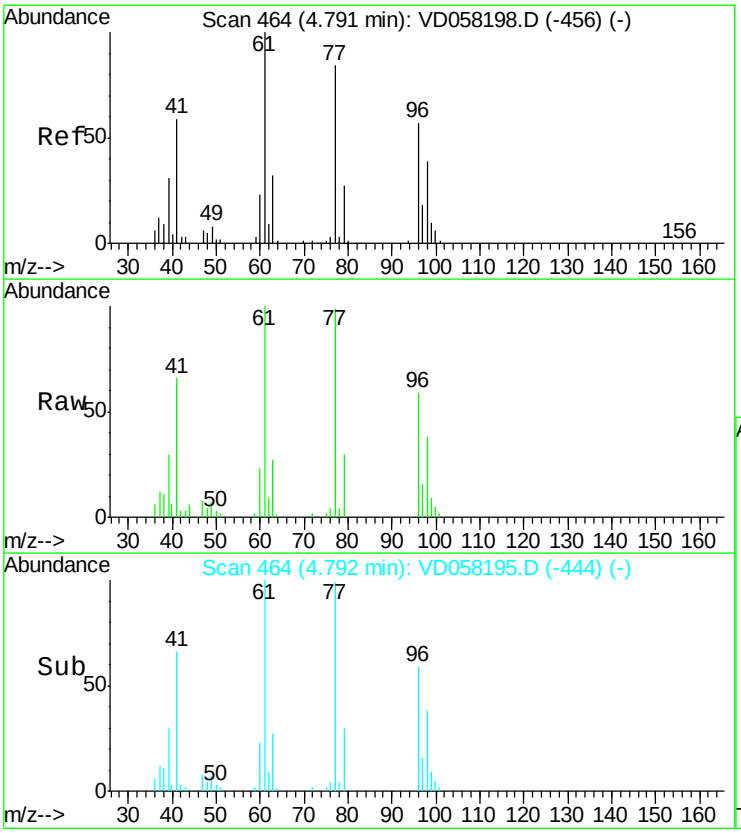

#25
2-Butanone
Concen: 25.382 ug/l
RT: 4.84 min Scan# 469
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 81847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 18.6 | 14.1 | 21.1 |

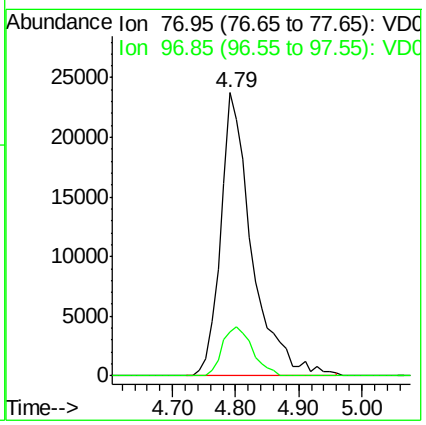


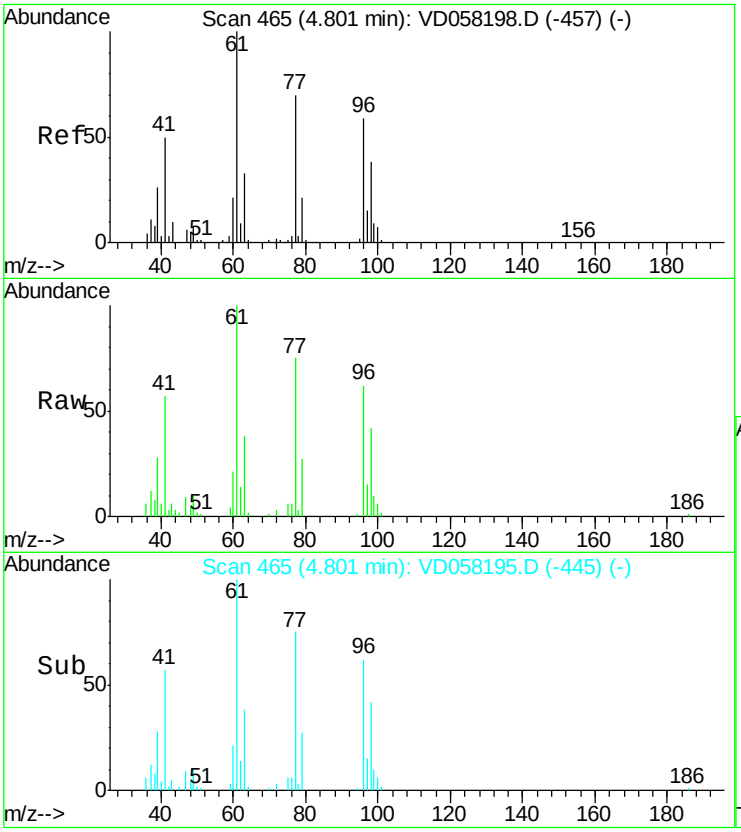




#26
2,2-Dichloropropane
Concen: 5.068 ug/l
RT: 4.79 min Scan# 464
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 77 Resp: 81454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 15.8 | 10.5 | 31.6 |



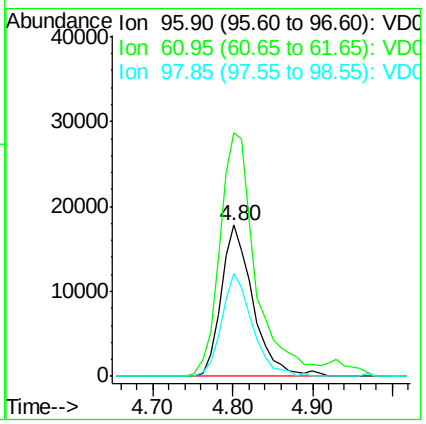


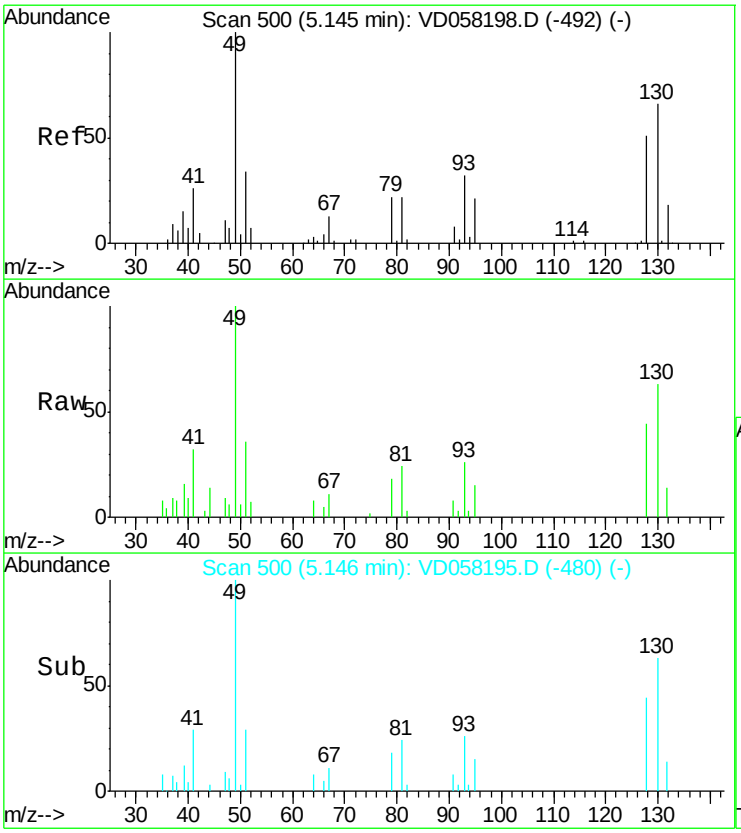

#27
cis-1,2-Dichloroethene
Concen: 4.802 ug/l
RT: 4.80 min Scan# 465
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 96 Resp: 49563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 160.9 | 0.0 | 338.6 |
| 98 | 68.3 | 0.0 | 130.2 |

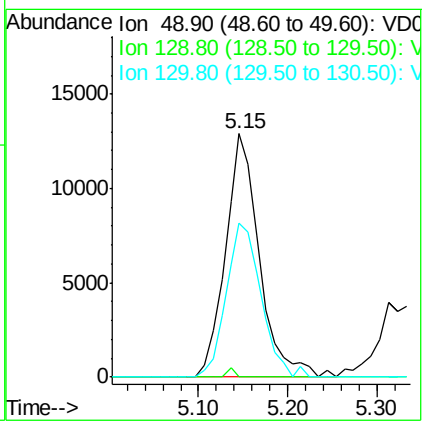


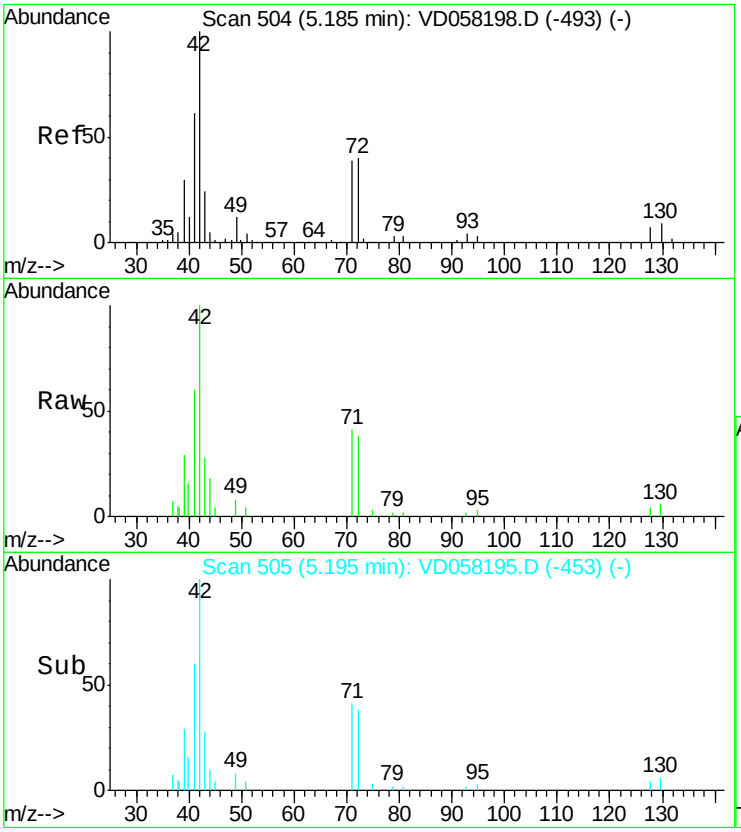




#28
Bromochloromethane
Concen: 4.003 ug/l
RT: 5.15 min Scan# 500
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 49 Resp: 34219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 0.0 |
| 130 | 63.1 | 52.6 | 79.0 |



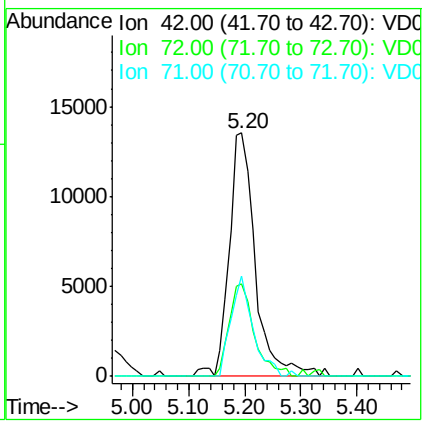


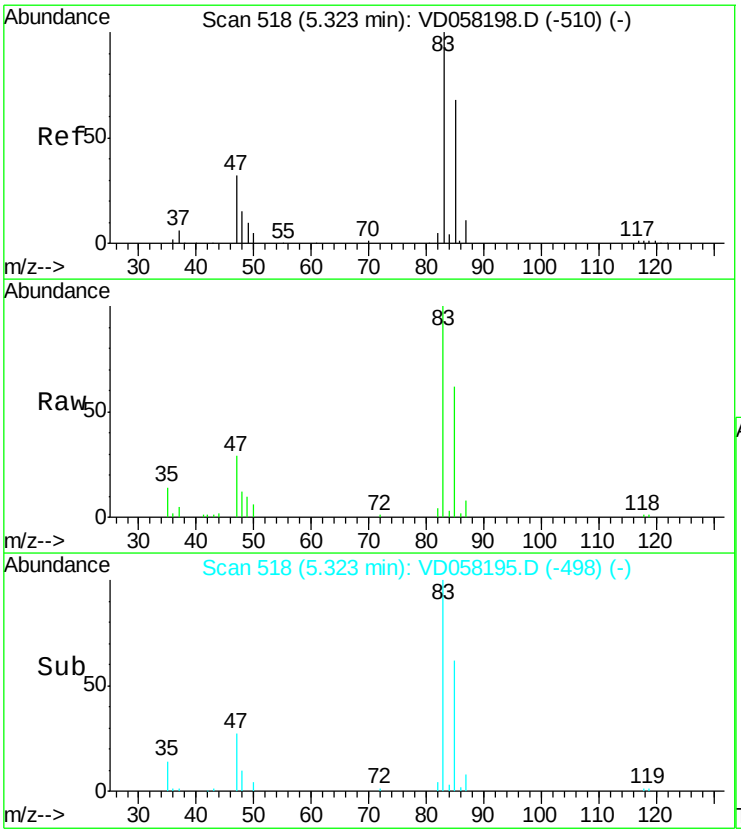

#29
Tetrahydrofuran
Concen: 25.650 ug/l
RT: 5.20 min Scan# 505
Delta R.T. 0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 42 Resp: 43916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 36.4 | 30.2 | 45.2 |
| 71 | 34.4 | 30.1 | 45.1 |

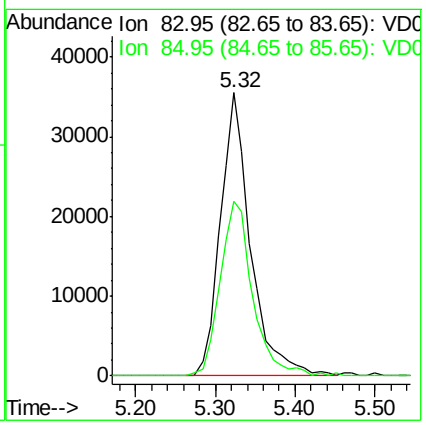


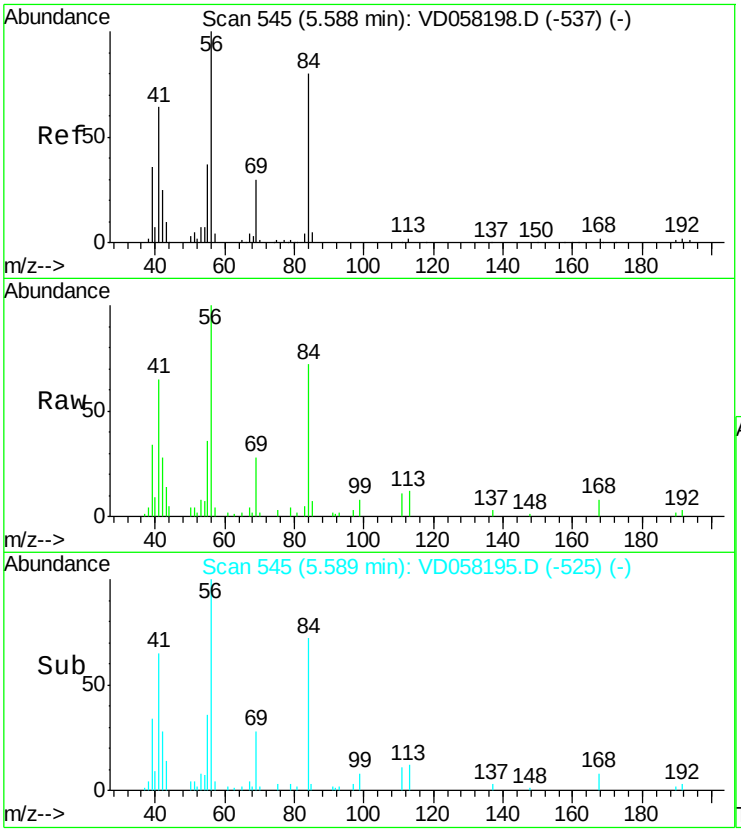




#30
Chloroform
Concen: 4.745 ug/l
RT: 5.32 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 83 Resp: 93911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 61.7 | 54.8 | 82.2 |



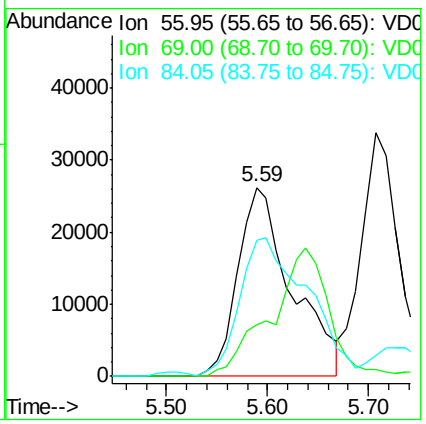


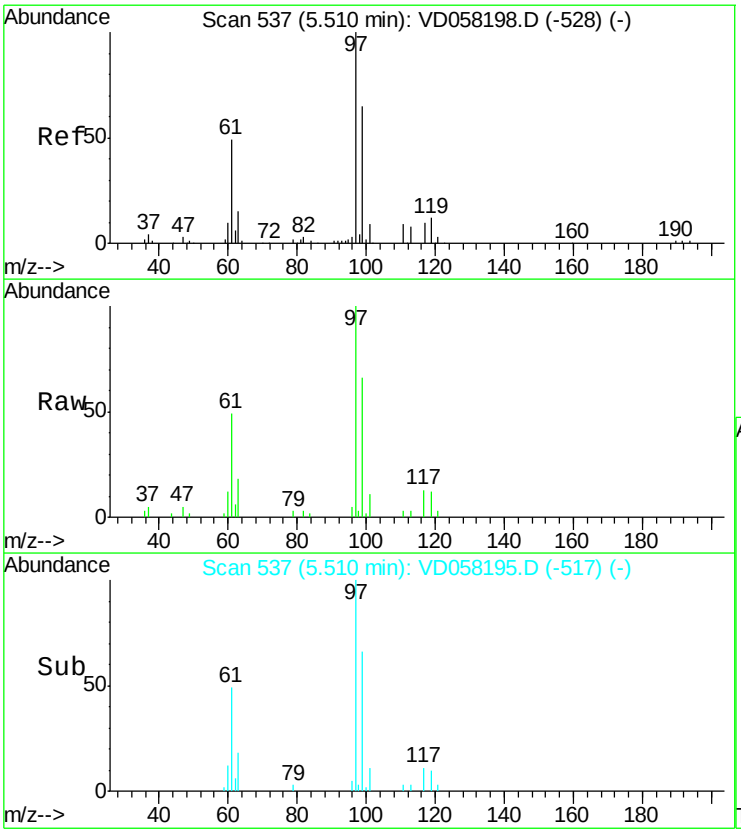

#31
Cyclohexane
Concen: 5.773 ug/l
RT: 5.59 min Scan# 545
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 56 Resp: 97484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 27.5 | 23.6 | 35.4 |
| 84 | 72.4 | 65.2 | 97.8 |

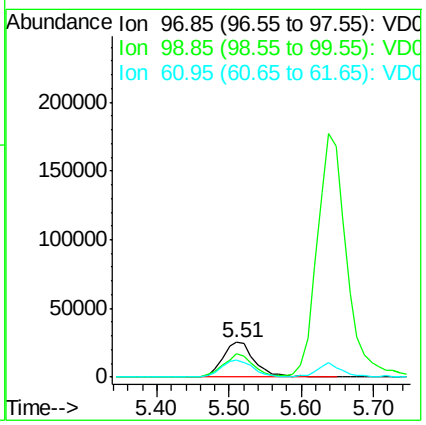


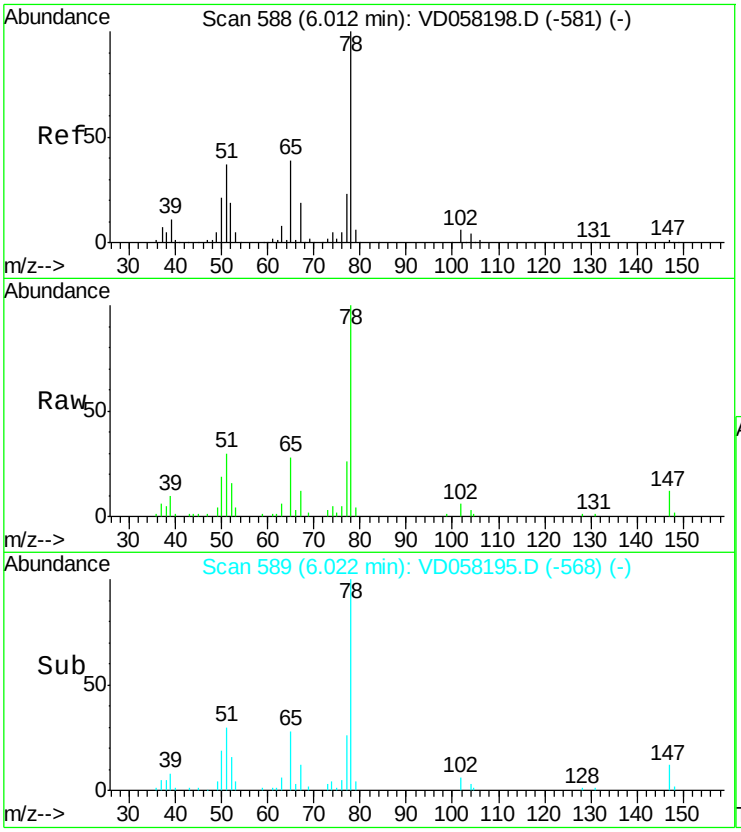




#32
1,1,1-Trichloroethane
Concen: 4.791 ug/l
RT: 5.51 min Scan# 537
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 97 Resp: 79389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 66.5 | 52.2 | 78.4 |
| 61 | 49.4 | 39.0 | 58.4 |



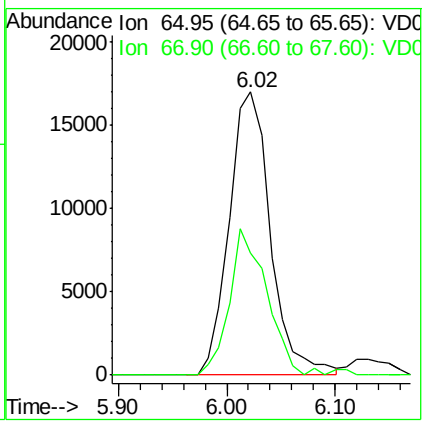


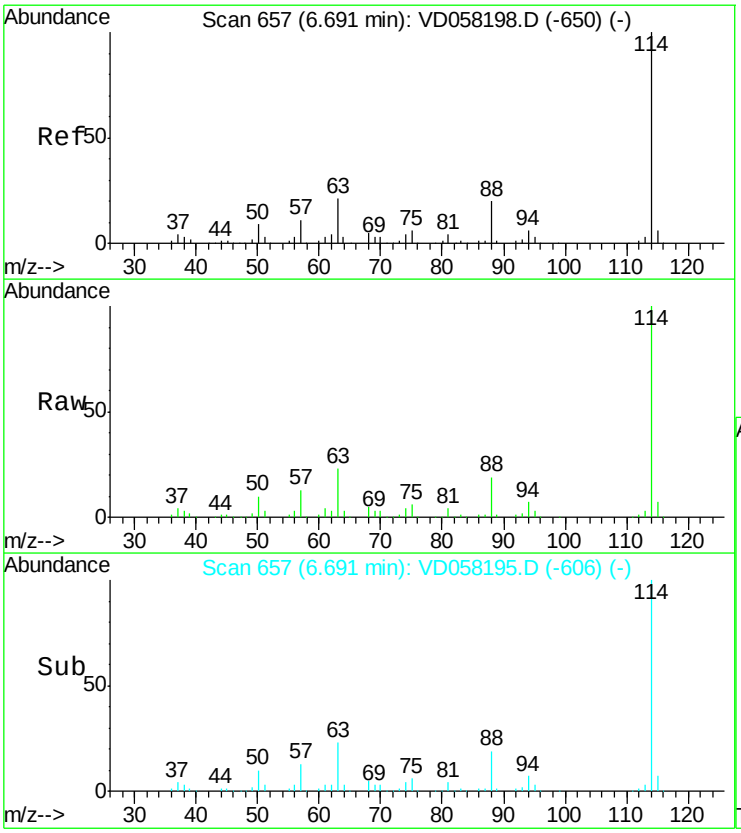

#33
1,2-Dichloroethane-d4
Concen: 4.791 ug/l
RT: 6.02 min Scan# 589
Delta R.T. 0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 65 Resp: 45047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 43.3 | 0.0 | 97.8 |

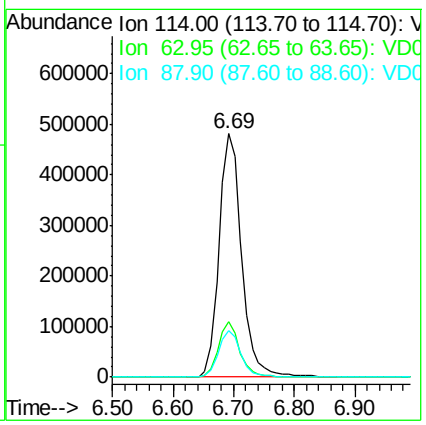


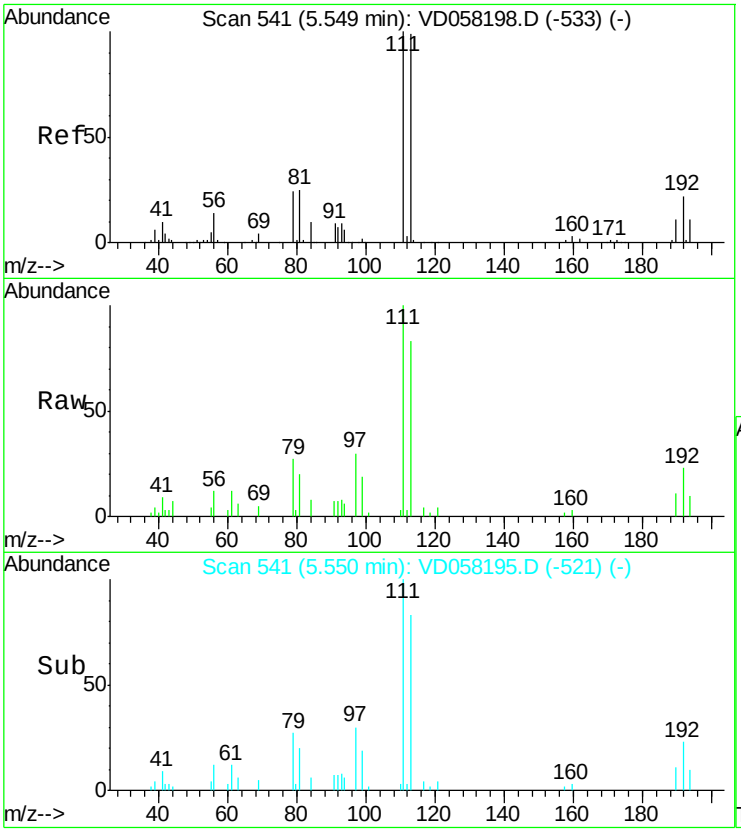




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min Scan# 657
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion:114 Resp: 1245670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.7 | 0.0 | 42.6 |
| 88 | 19.2 | 0.0 | 40.6 |



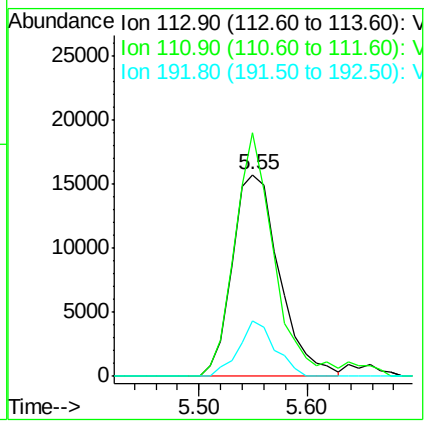


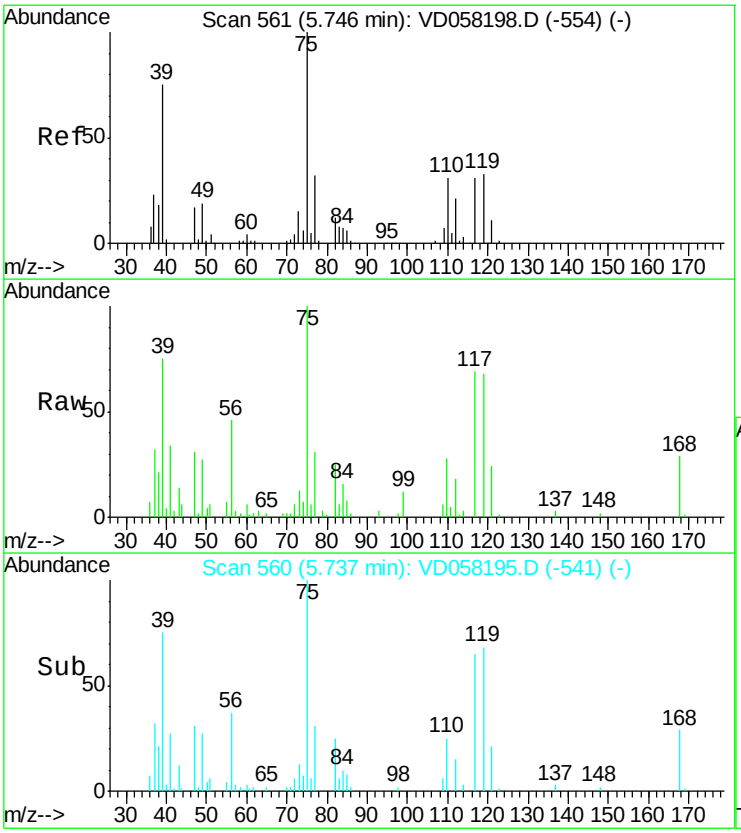

#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.55 min Scan# 541
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion:113 Resp: 47755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 120.8 | 80.6 | 121.0 |
| 192 | 27.5 | 17.8 | 26.6# |

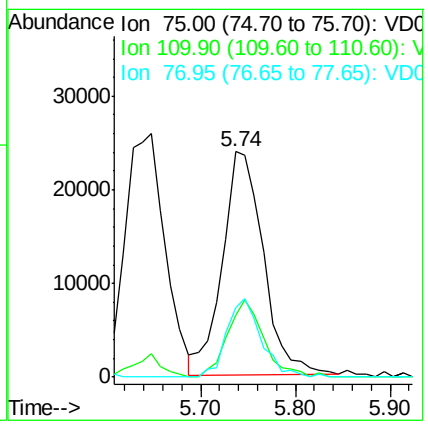


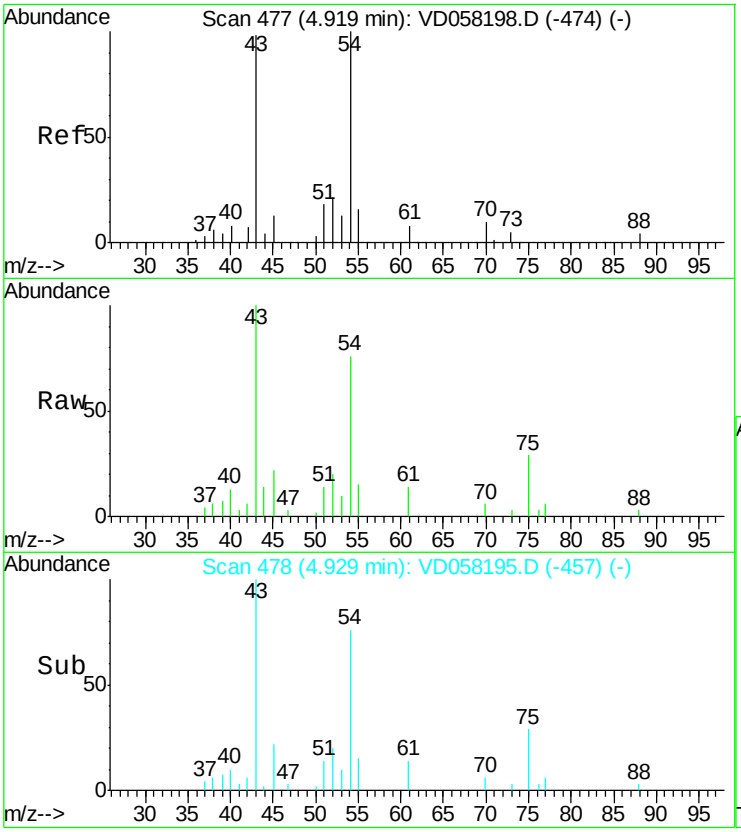




#36
1,1-Dichloropropene
Concen: 5.318 ug/l
RT: 5.74 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 75 Resp: 71532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 27.5 | 15.4 | 46.4 |
| 77 | 30.7 | 25.4 | 38.2 |



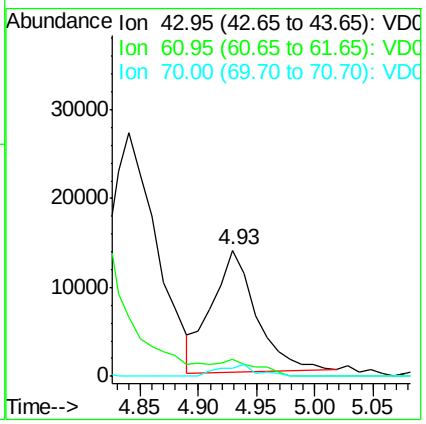


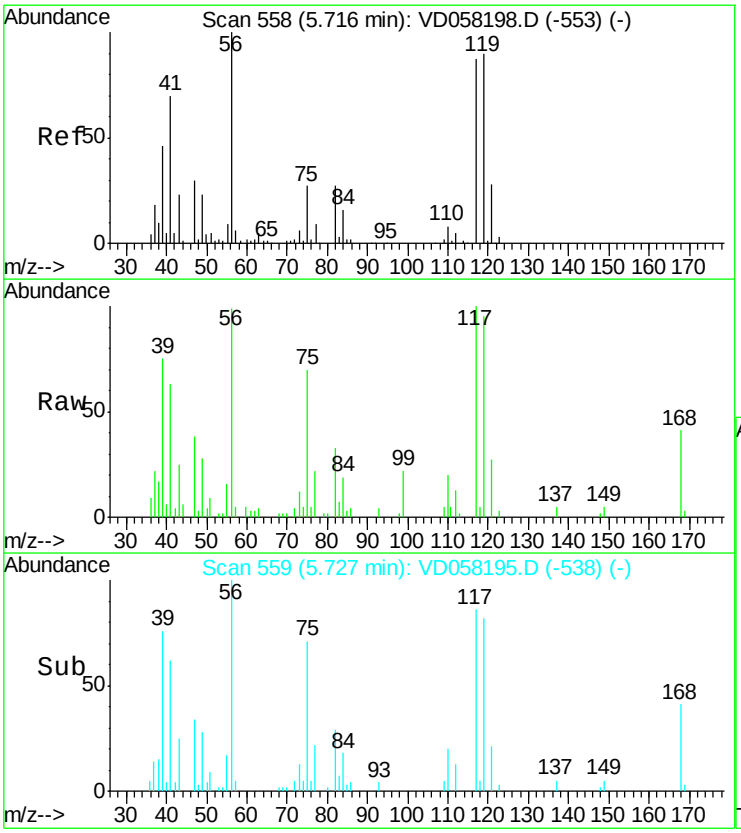

#37
Ethyl Acetate
Concen: 4.858 ug/l
RT: 4.93 min Scan# 478
Delta R.T. 0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 36495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.7 | 10.3 | 15.5 |
| 70 | 6.2 | 5.7 | 8.5 |

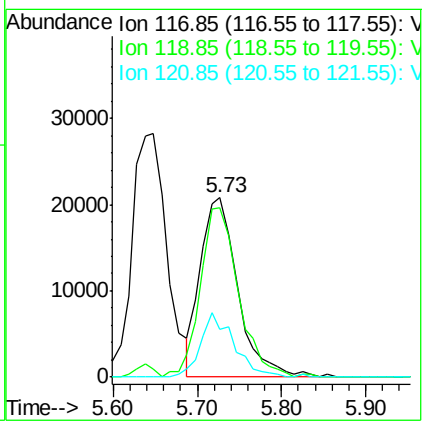


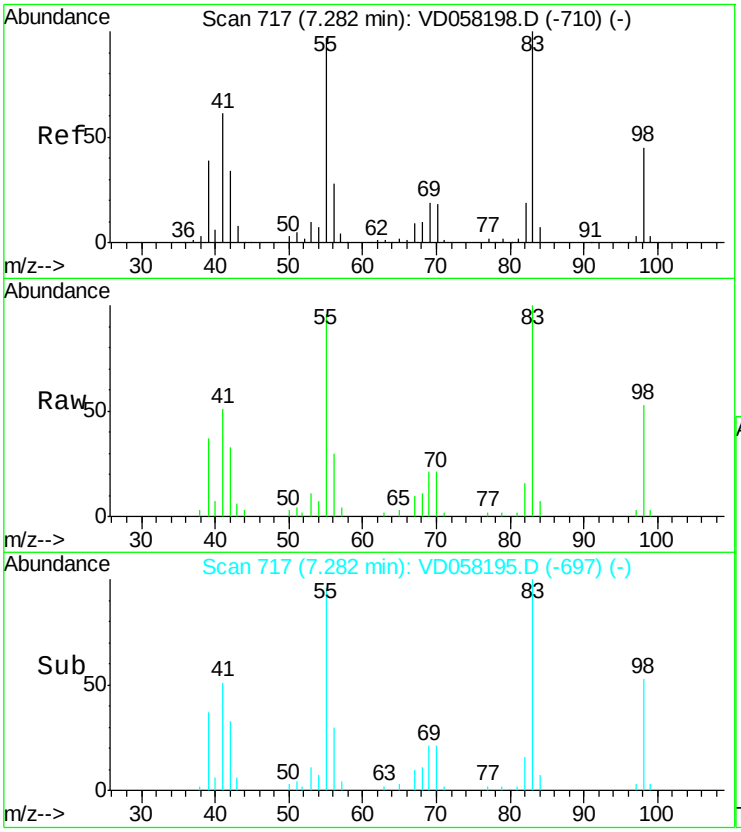




#38
Carbon Tetrachloride
Concen: 4.832 ug/l
RT: 5.73 min Scan# 559
Delta R.T. 0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion:117 Resp: 64270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.6 | 78.8 | 118.2 |
| 121 | 26.6 | 25.0 | 37.6 |



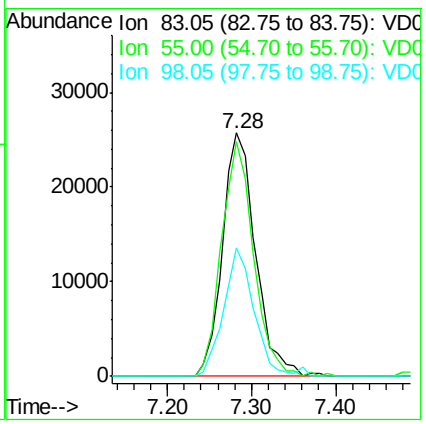


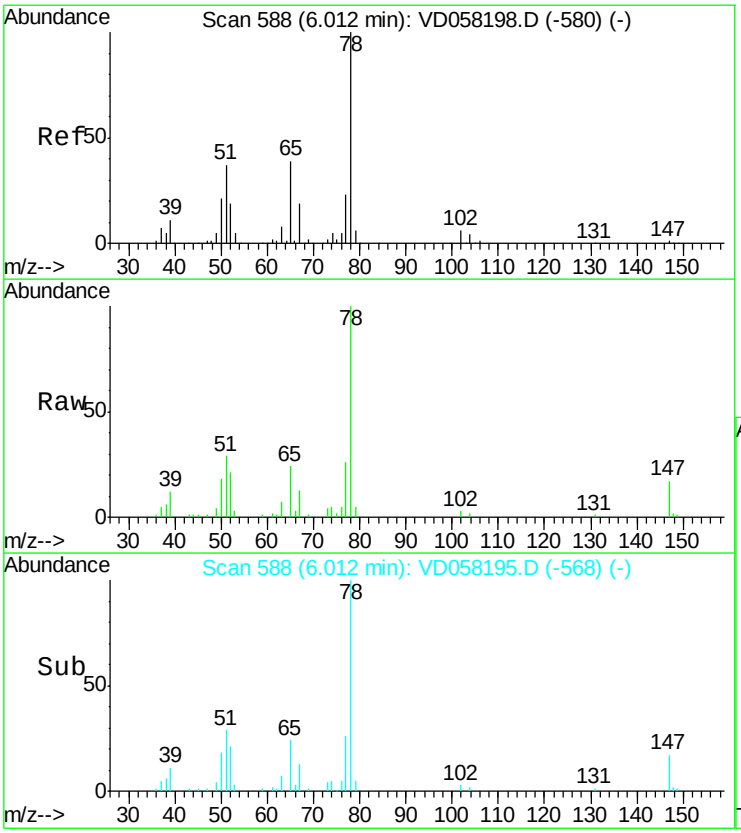

#39
Methylcyclohexane
Concen: 5.276 ug/l
RT: 7.28 min Scan# 717
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 83 Resp: 69811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 96.2 | 77.4 | 116.2 |
| 98 | 52.6 | 35.9 | 53.9 |

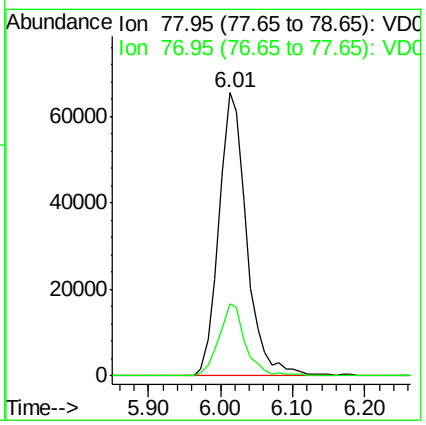


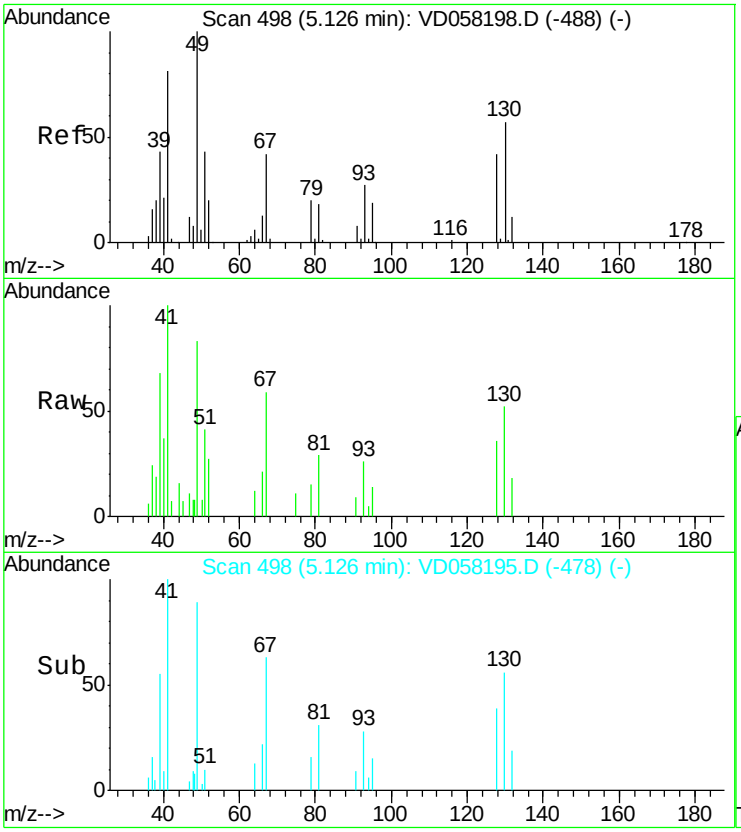




#40
Benzene
Concen: 5.531 ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 78 Resp: 173877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 25.7 | 18.5 | 27.7 |



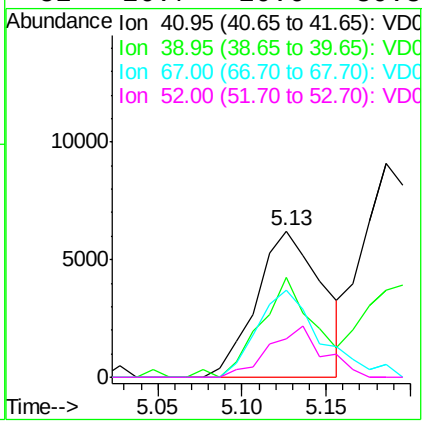


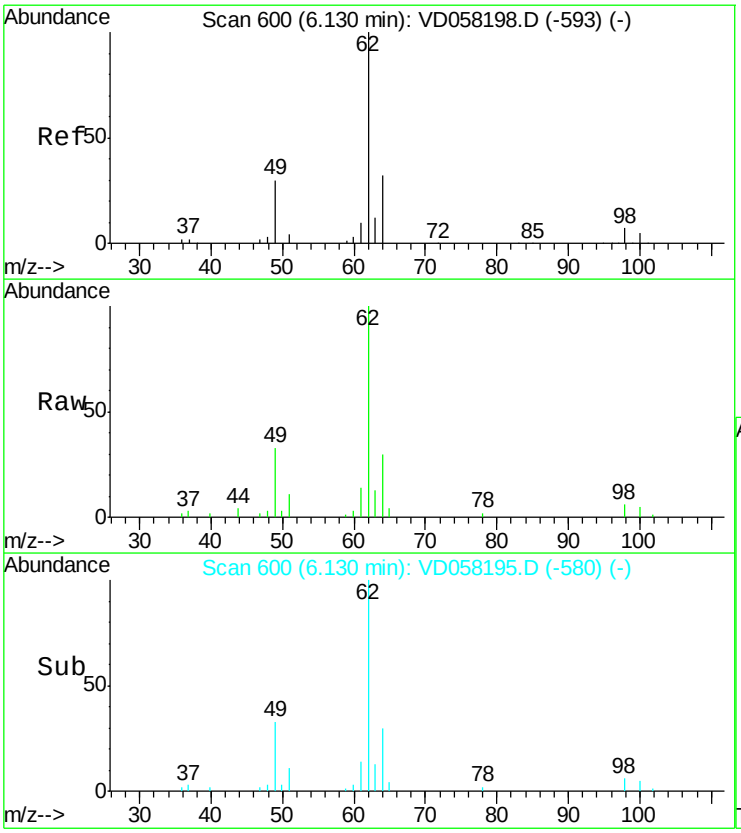

#41
Methacrylonitrile
Concen: 4.944 ug/l
RT: 5.13 min Scan# 498
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 41 Resp: 16839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 68.4 | 43.4 | 65.2# |
| 67 | 59.2 | 41.7 | 62.5 |
| 52 | 26.7 | 20.6 | 30.8 |

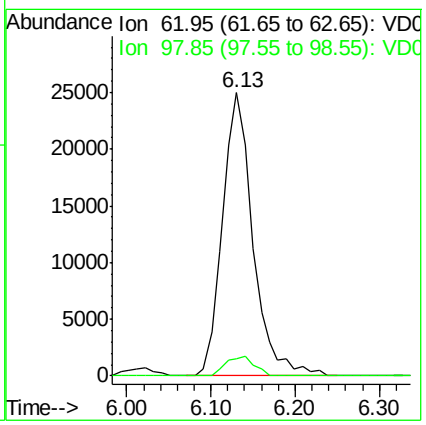


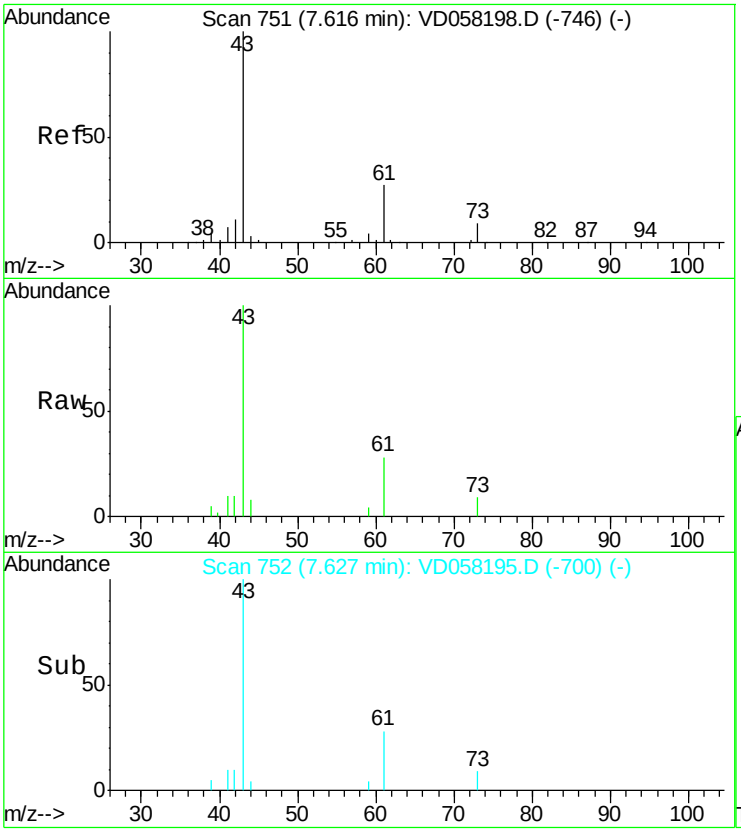




#42
1,2-Dichloroethane
Concen: 4.928 ug/l
RT: 6.13 min Scan# 600
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 62 Resp: 62832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 6.0 | 0.0 | 13.2 |



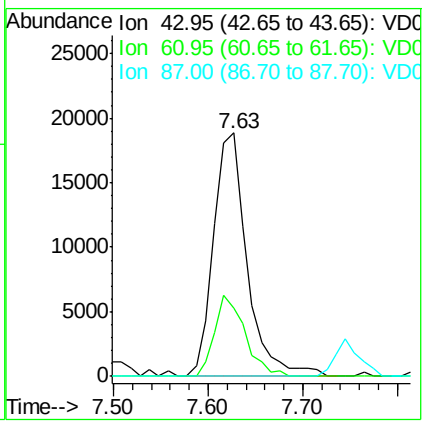


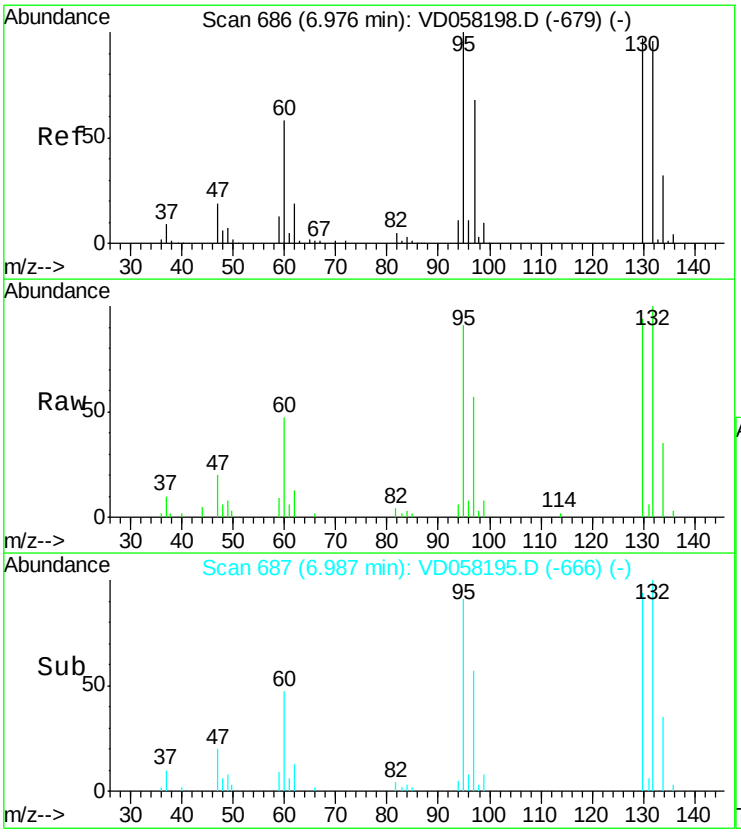

#43
Isopropyl Acetate
Concen: 4.721 ug/l
RT: 7.63 min Scan# 752
Delta R.T. 0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 46424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 28.1 | 21.8 | 32.6 |
| 87 | 0.0 | 0.3 | 0.5# |

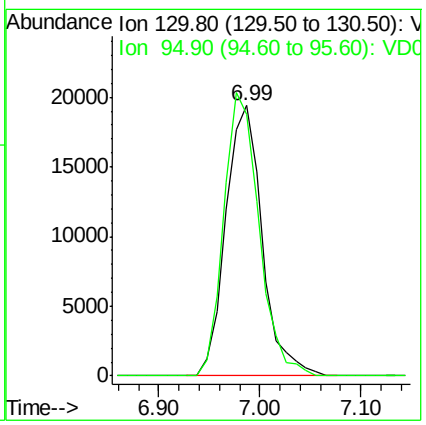


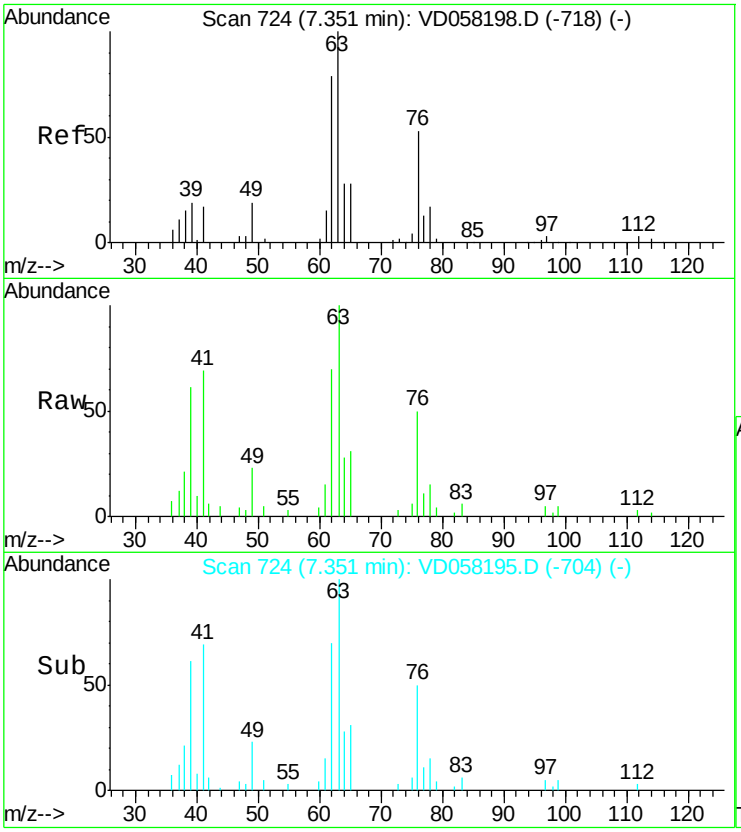




#44
Trichloroethene
Concen: 5.299 ug/l
RT: 6.99 min Scan# 687
Delta R.T. 0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion:130 Resp: 48677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 96.9 | 0.0 | 205.6 |



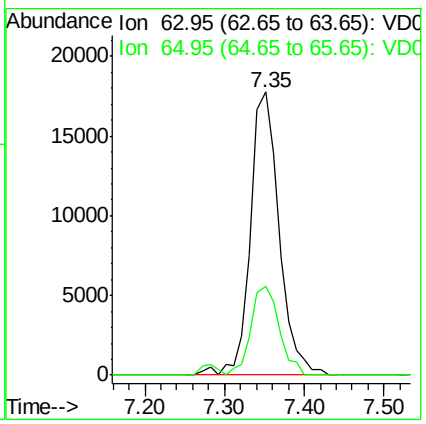


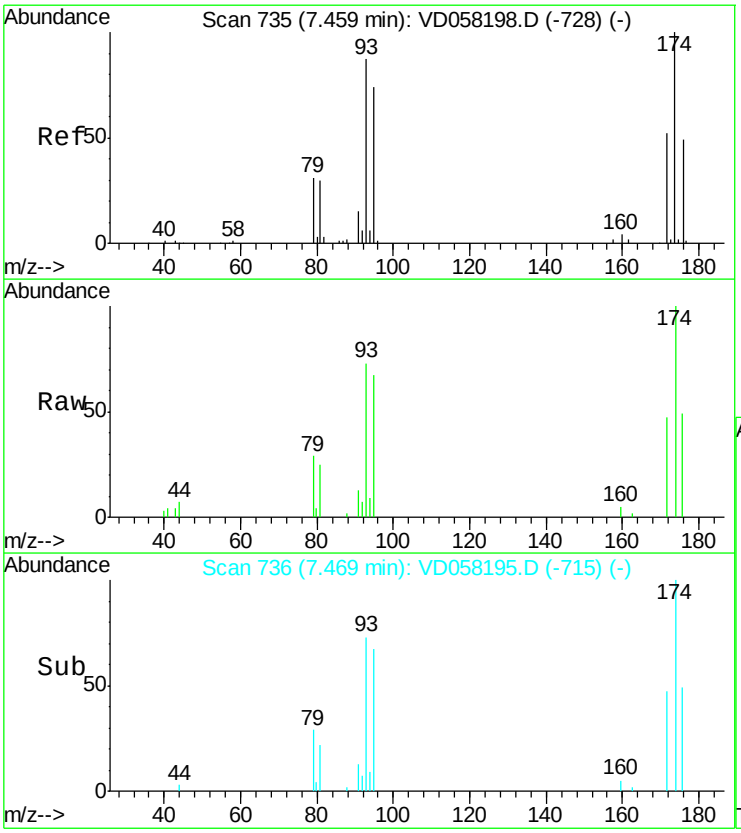

#45
1,2-Dichloropropane
Concen: 5.014 ug/l
RT: 7.35 min Scan# 724
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 63 Resp: 43796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.5 | 24.0 | 36.0 |

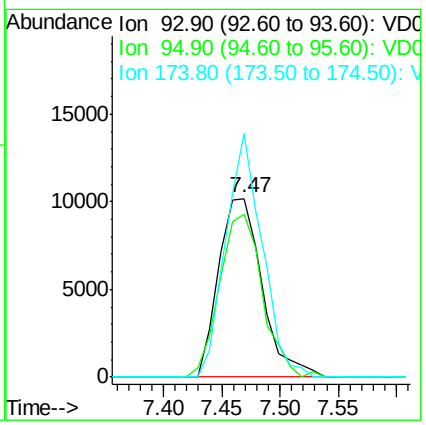


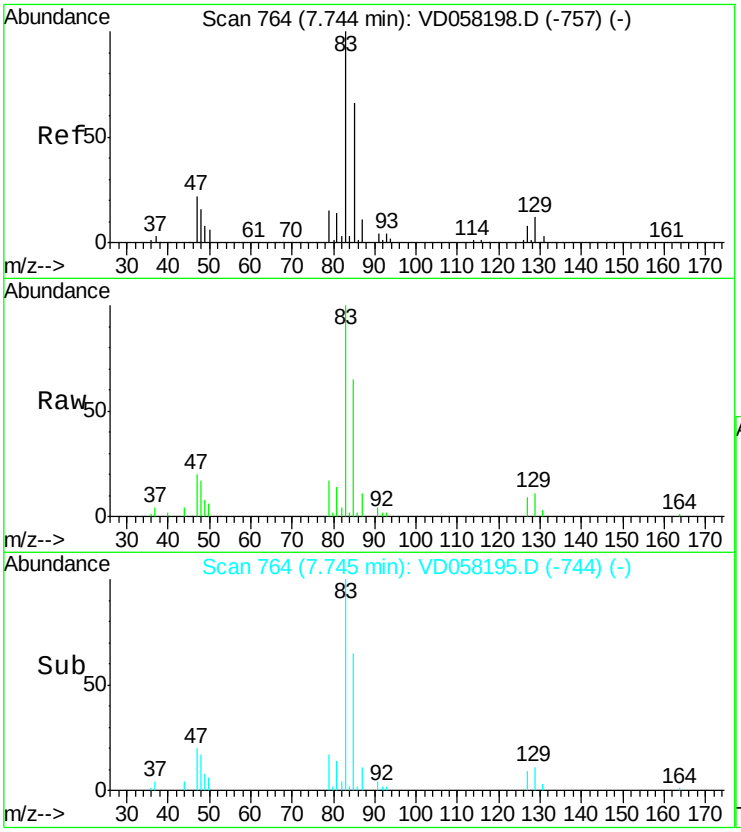




#46
Dibromomethane
Concen: 4.620 ug/l
RT: 7.47 min Scan# 736
Delta R.T. 0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 93 Resp: 26308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 91.3 | 67.8 | 101.6 |
| 174 | 136.5 | 92.2 | 138.2 |



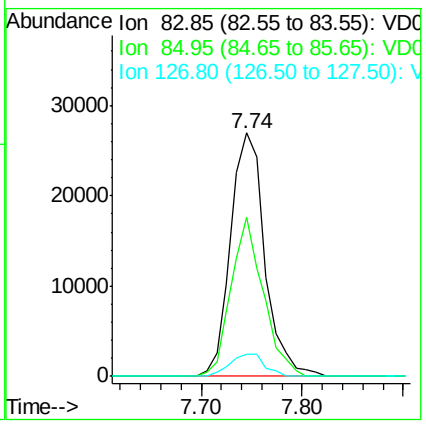


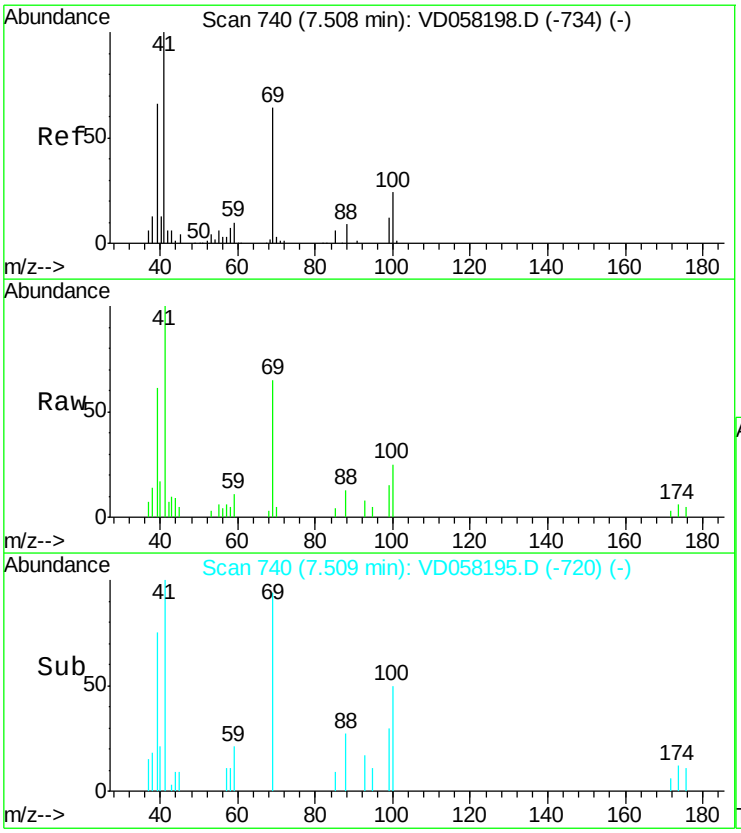

#47
Bromodichloromethane
Concen: 4.834 ug/l
RT: 7.74 min Scan# 764
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 83 Resp: 63454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.2 | 52.6 | 78.8 |
| 127 | 9.1 | 6.2 | 9.4 |

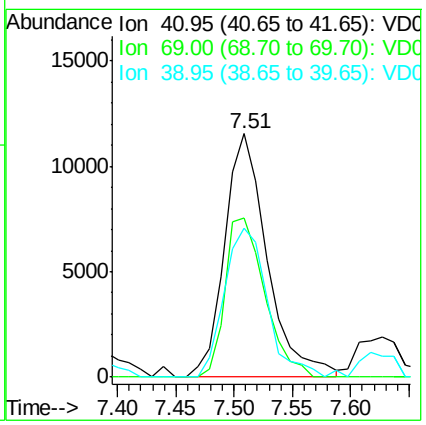


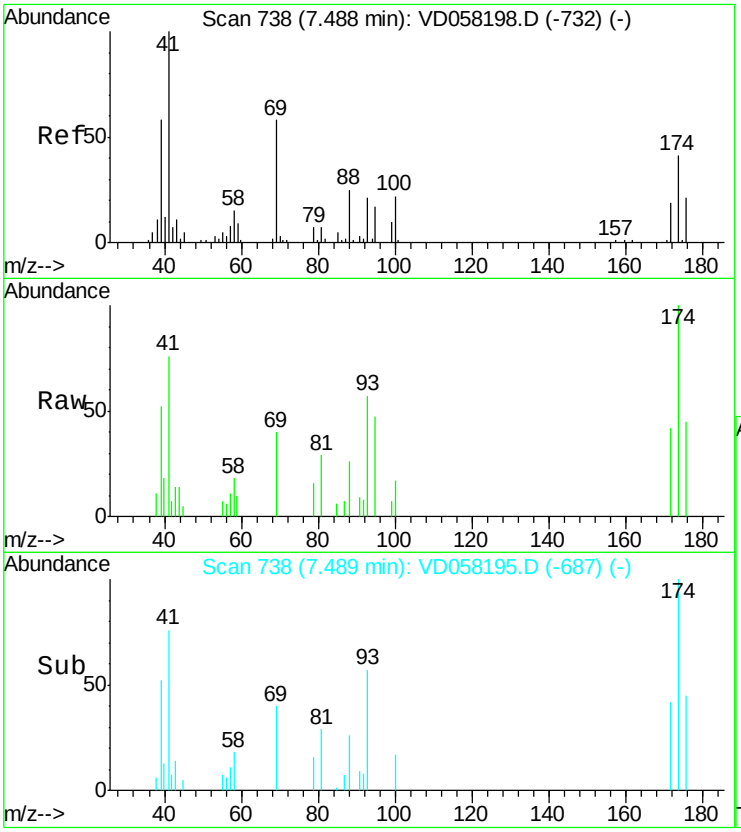




#48
Methyl methacrylate
Concen: 4.862 ug/l
RT: 7.51 min Scan# 740
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 41 Resp: 29307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 65.3 | 50.7 | 76.1 |
| 39 | 61.1 | 52.6 | 78.8 |



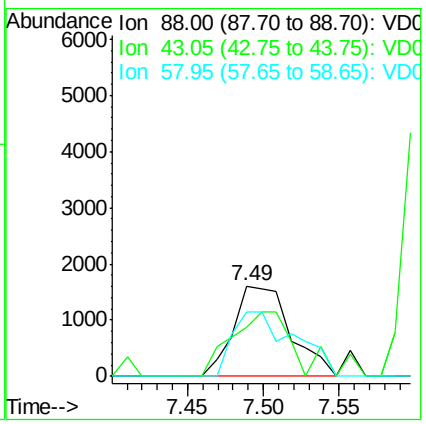


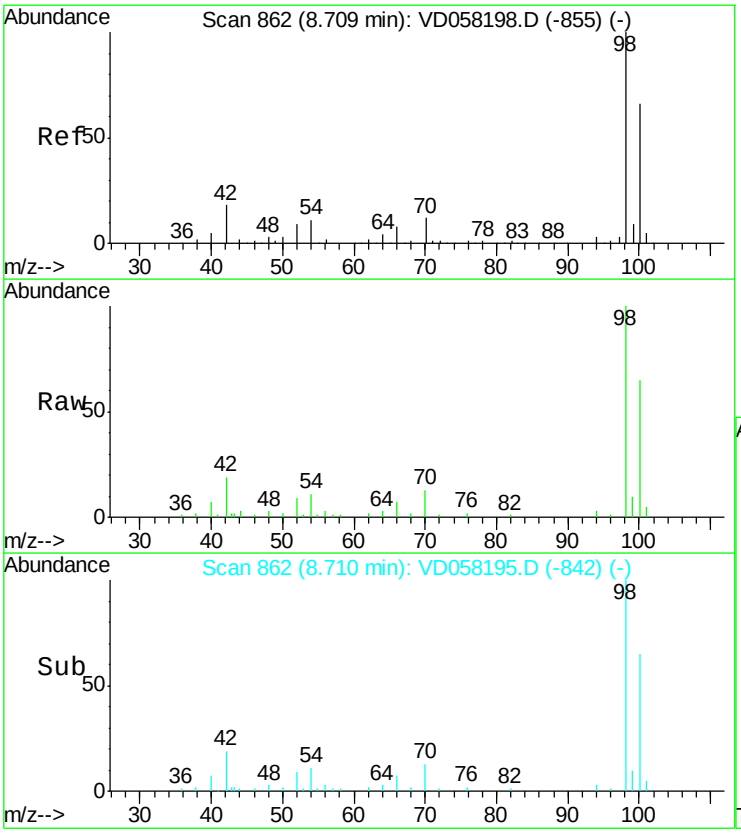

#49
1,4-Dioxane
Concen: 82.260 ug/l
RT: 7.49 min Scan# 738
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 88 Resp: 4242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 54.1 | 34.2 | 51.2# |
| 58 | 71.6 | 47.9 | 71.9 |

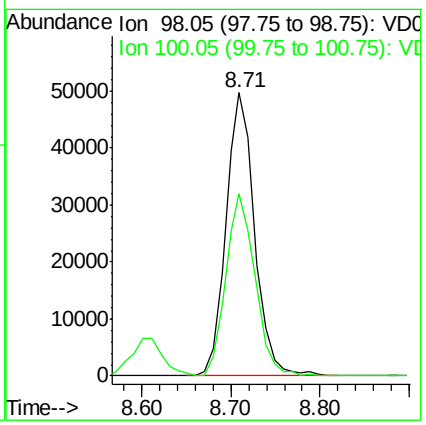


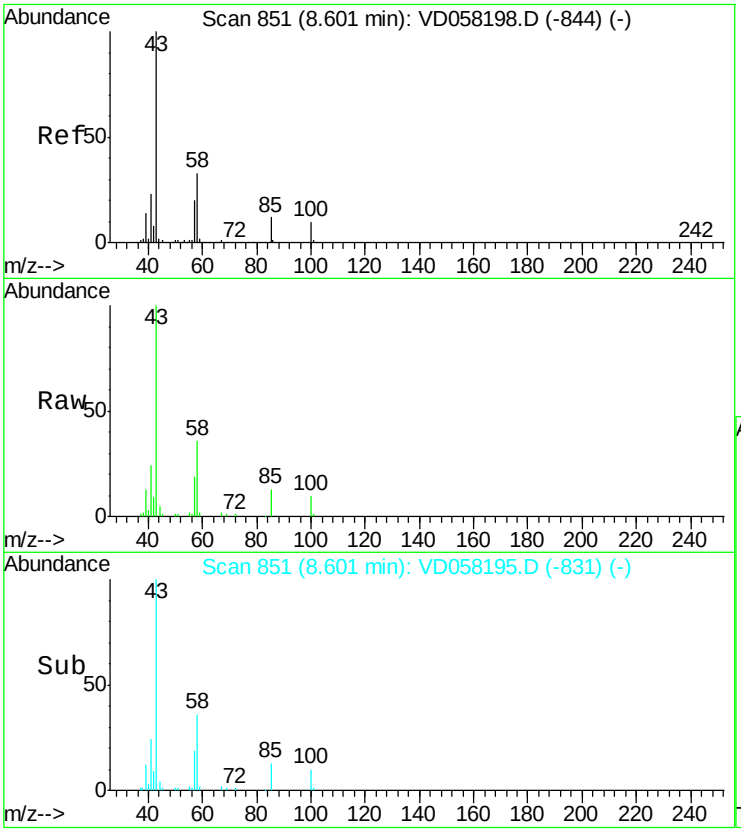




#50
Toluene-d8
Concen: 82.260 ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 98 Resp: 111804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.5 | 53.6 | 80.4 |



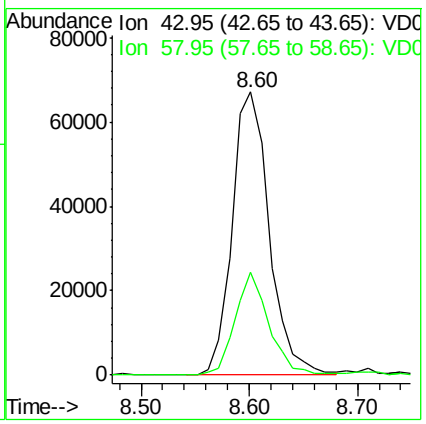


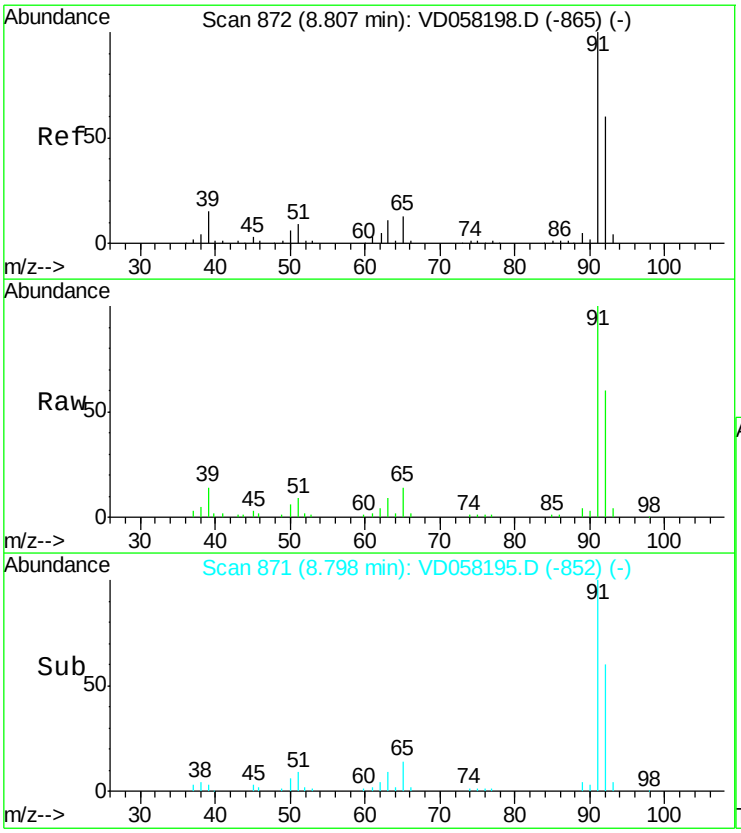

#51
4-Methyl-2-Pentanone
Concen: 25.345 ug/l
RT: 8.60 min Scan# 851
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC005

Tgt Ion: 43 Resp: 160044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.1 | 26.7 | 40.1 |

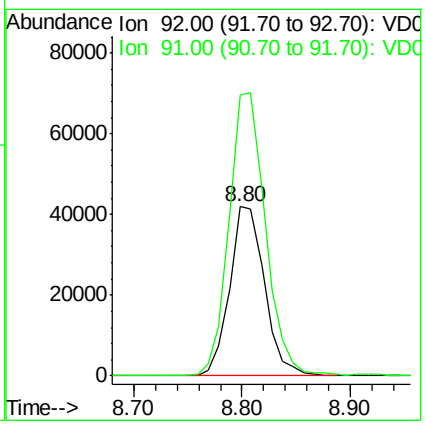


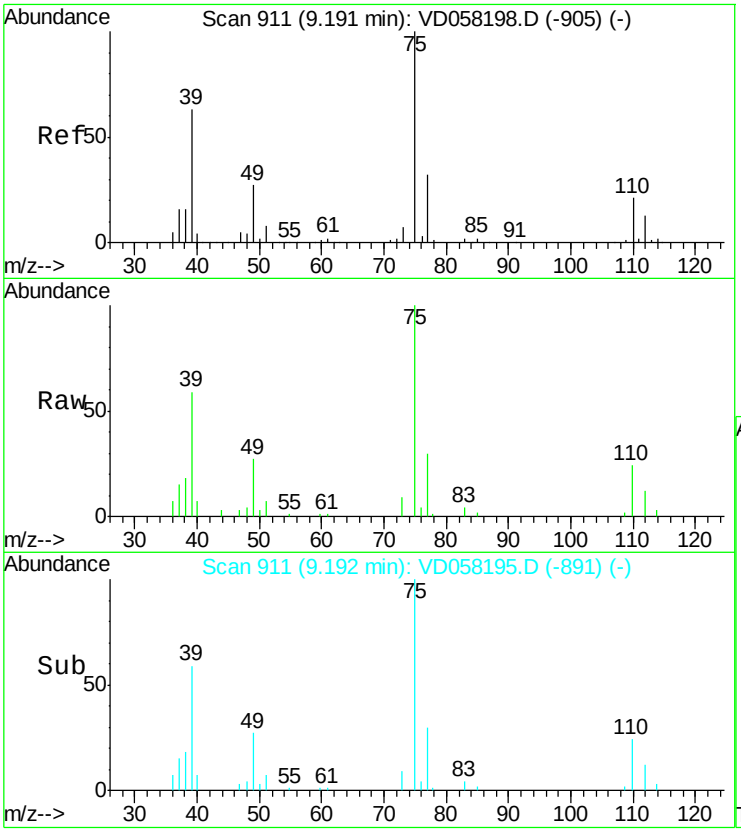




#52
Toluene
Concen: 5.207 ug/l
RT: 8.80 min Scan# 871
Delta R.T. -0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 92 Resp: 94042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 166.0 | 133.2 | 199.8 |



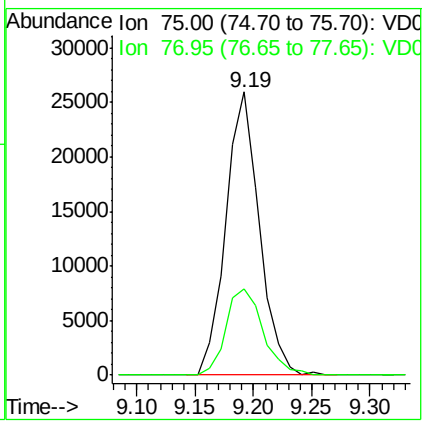


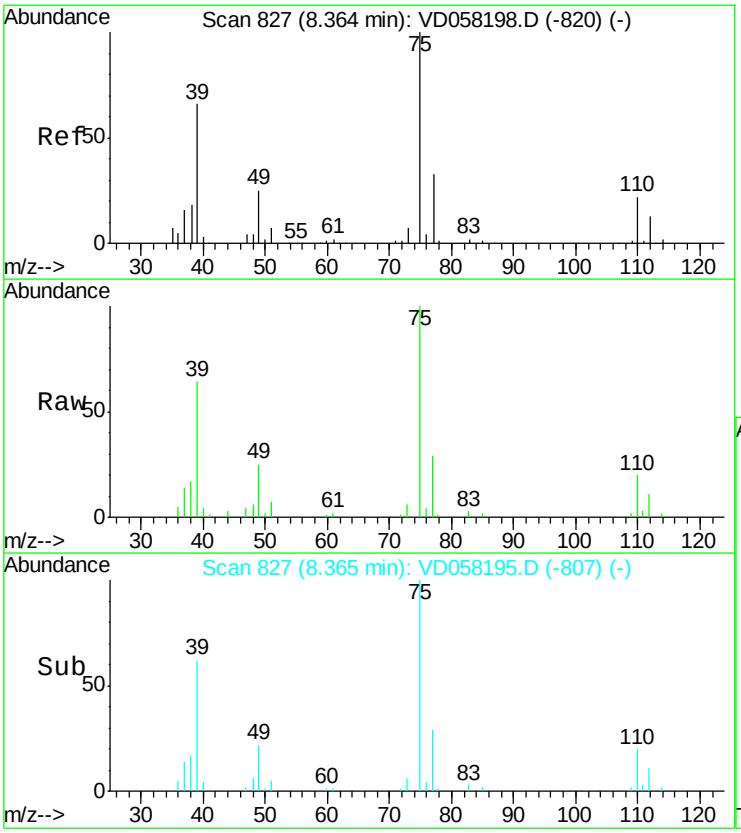

#53
t-1,3-Dichloropropene
Concen: 4.516 ug/l
RT: 9.19 min Scan# 911
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 75 Resp: 51596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.4 | 25.8 | 38.8 |

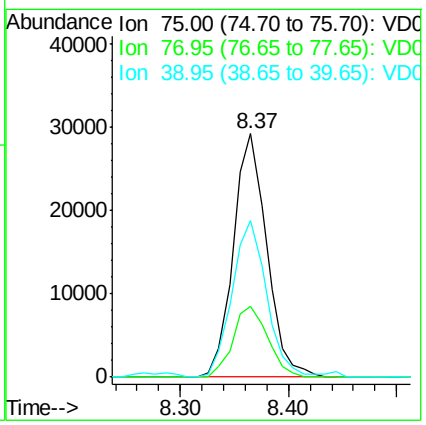


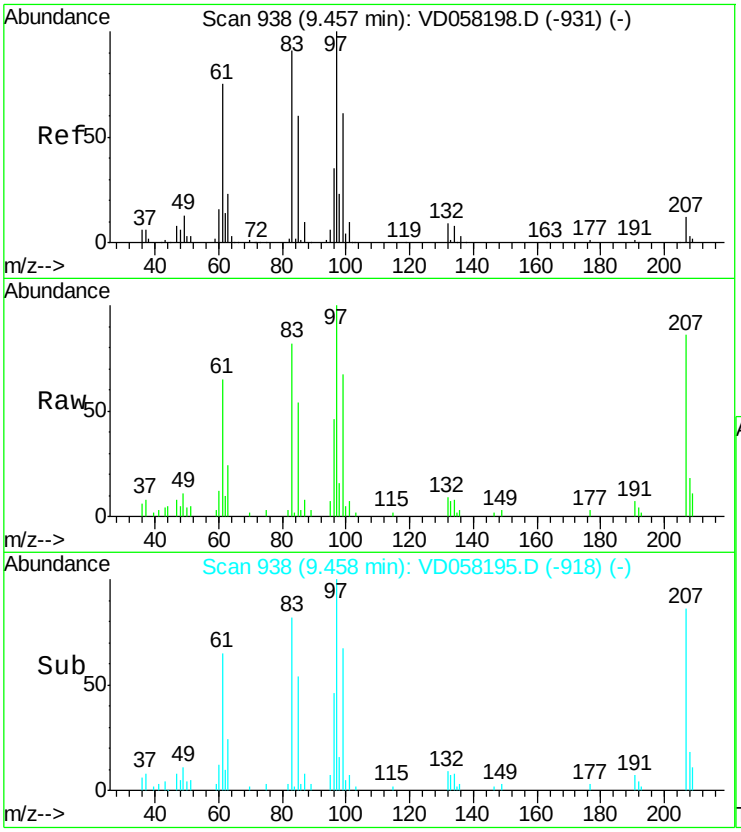




#54
cis-1,3-Dichloropropene
Concen: 4.670 ug/l
RT: 8.37 min Scan# 827
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 75 Resp: 62672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 29.1 | 26.5 | 39.7 |
| 39 | 64.2 | 52.9 | 79.3 |



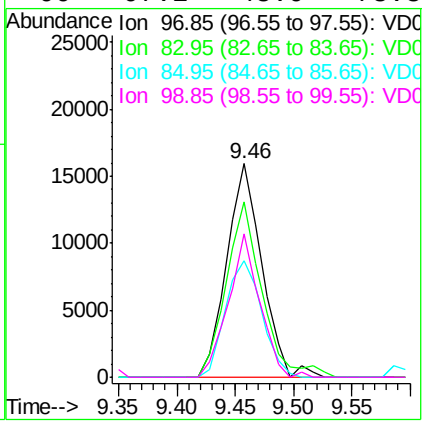


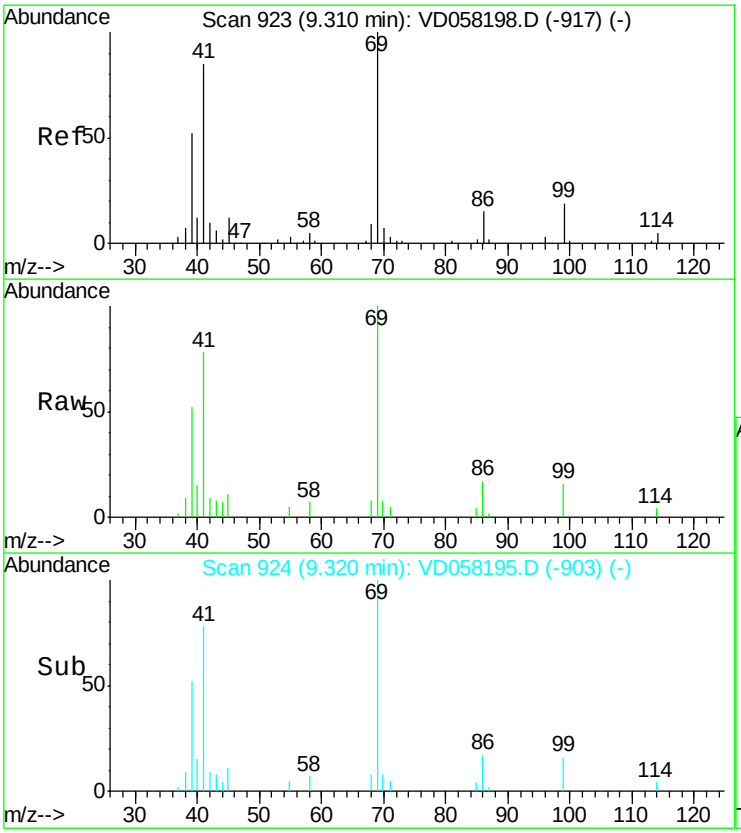

#55
1,1,2-Trichloroethane
Concen: 5.591 ug/l
RT: 9.46 min Scan# 938
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 97 Resp: 33296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 82.1 | 72.9 | 109.3 |
| 85 | 54.4 | 48.2 | 72.4 |
| 99 | 67.2 | 48.9 | 73.3 |

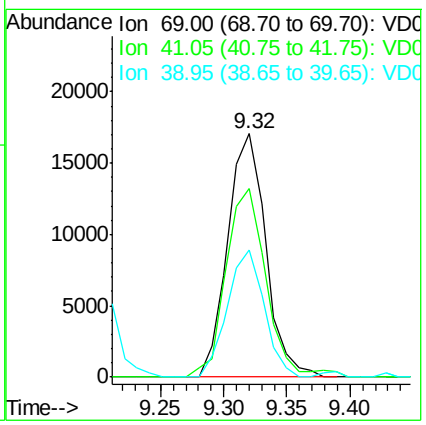


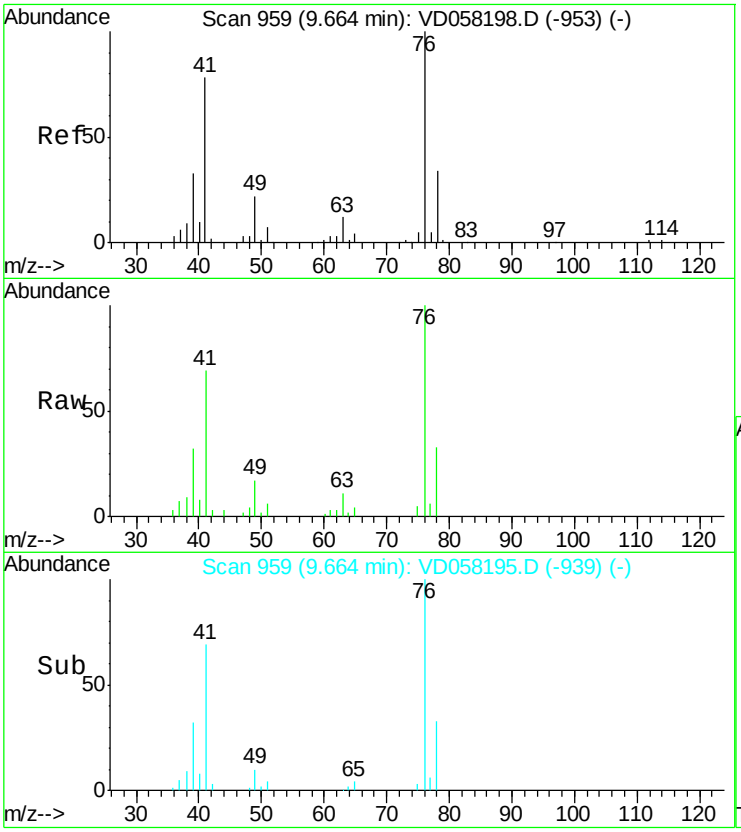




#56
Ethyl methacrylate
Concen: 4.871 ug/l
RT: 9.32 min Scan# 924
Delta R.T. 0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 69 Resp: 35633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 77.6 | 67.6 | 101.4 |
| 39 | 52.0 | 42.2 | 63.2 |



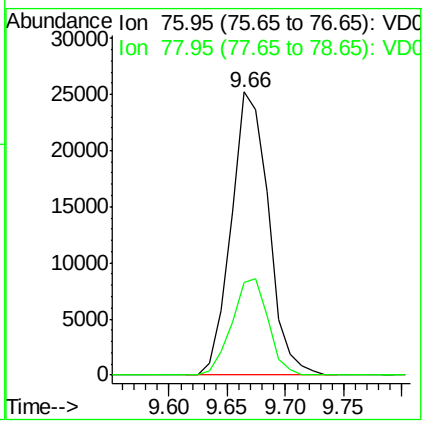


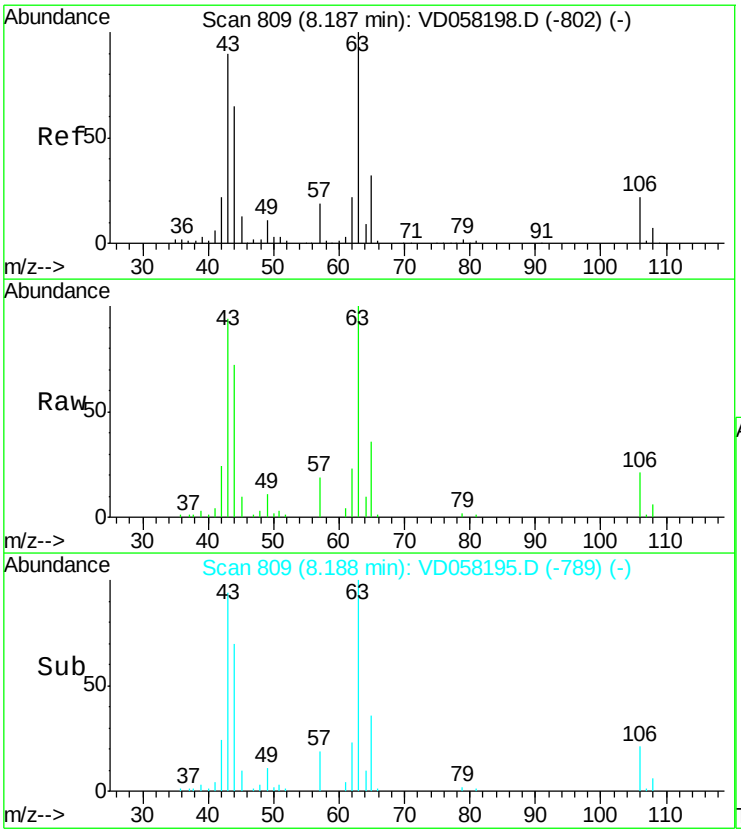

#57
1,3-Dichloropropane
Concen: 5.417 ug/l
RT: 9.66 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 76 Resp: 55944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.7 | 27.0 | 40.6 |

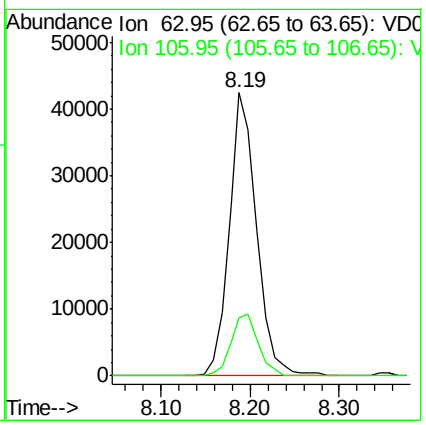


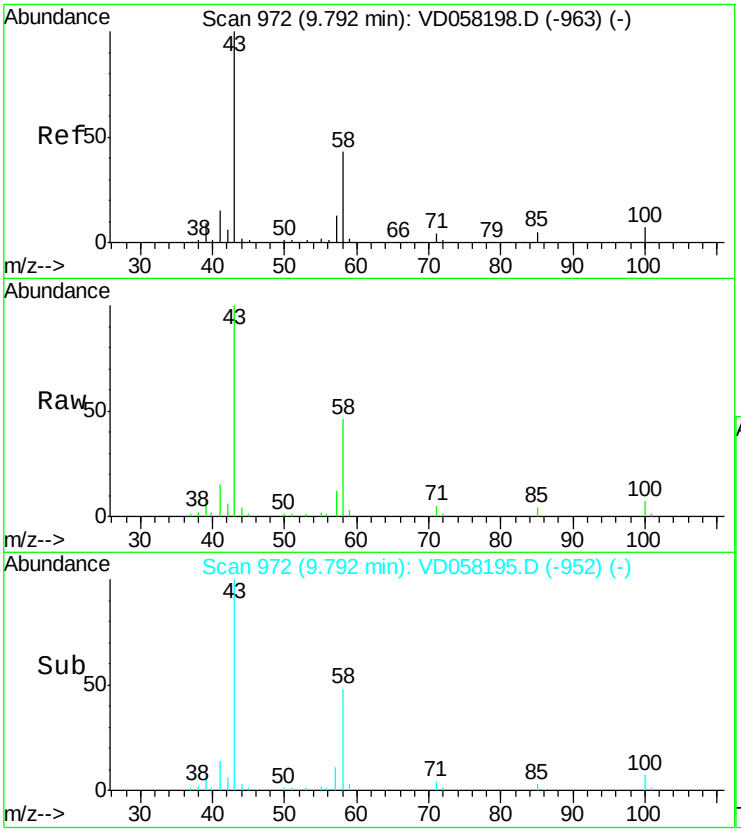




#58
2-Chloroethyl Vinyl ether
Concen: 24.454 ug/l
RT: 8.19 min Scan# 809
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 63 Resp: 90723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 20.7 | 18.0 | 27.0 |



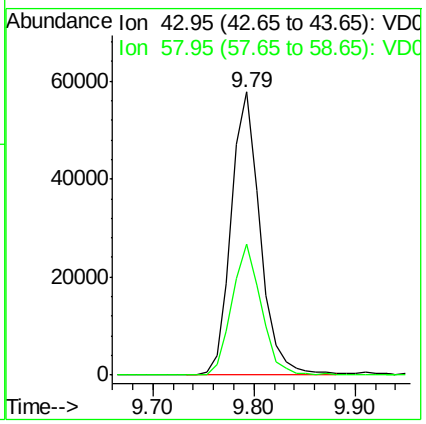


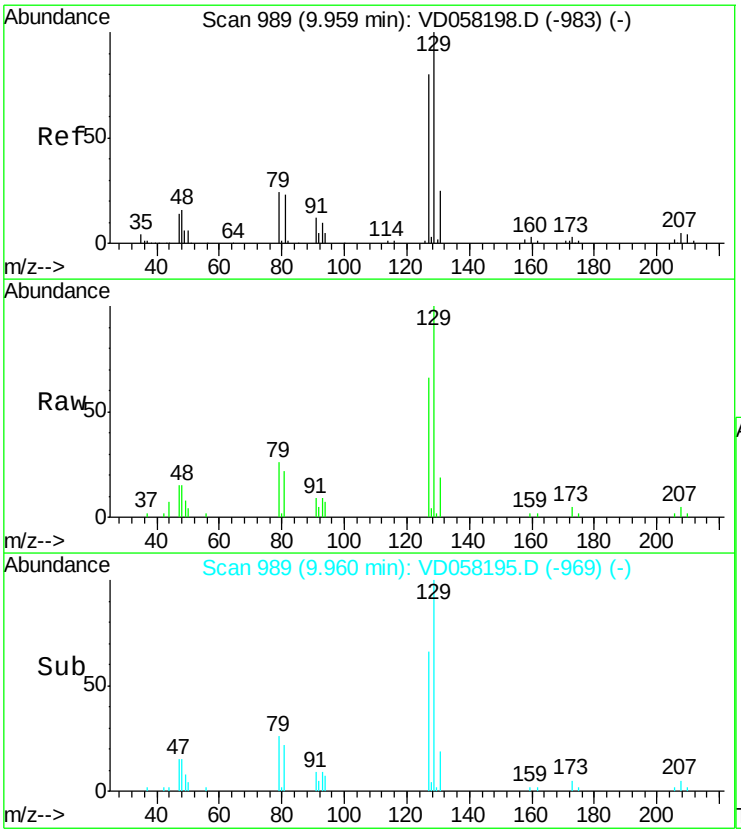

#59
2-Hexanone
Concen: 24.986 ug/l
RT: 9.79 min Scan# 972
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 115039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 46.4 | 21.7 | 65.1 |

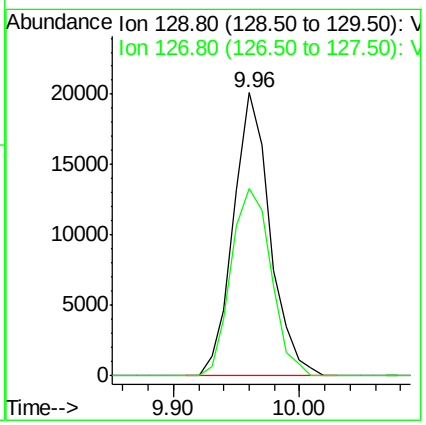


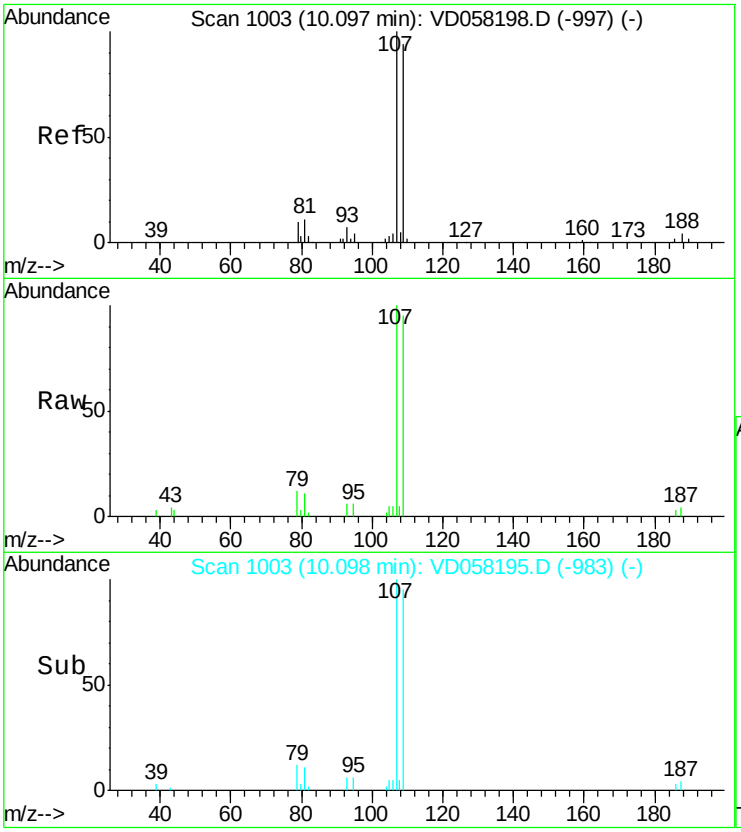




#60
Dibromochloromethane
Concen: 4.837 ug/l
RT: 9.96 min Scan# 989
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion:129 Resp: 40374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 66.2 | 39.8 | 119.4 |



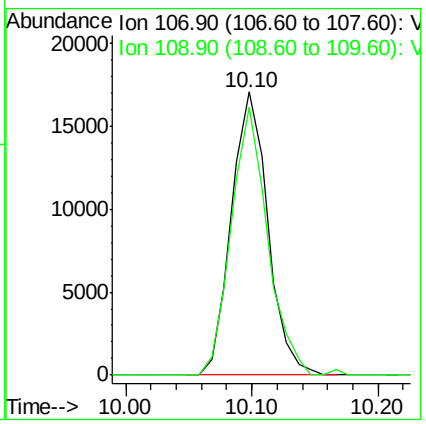


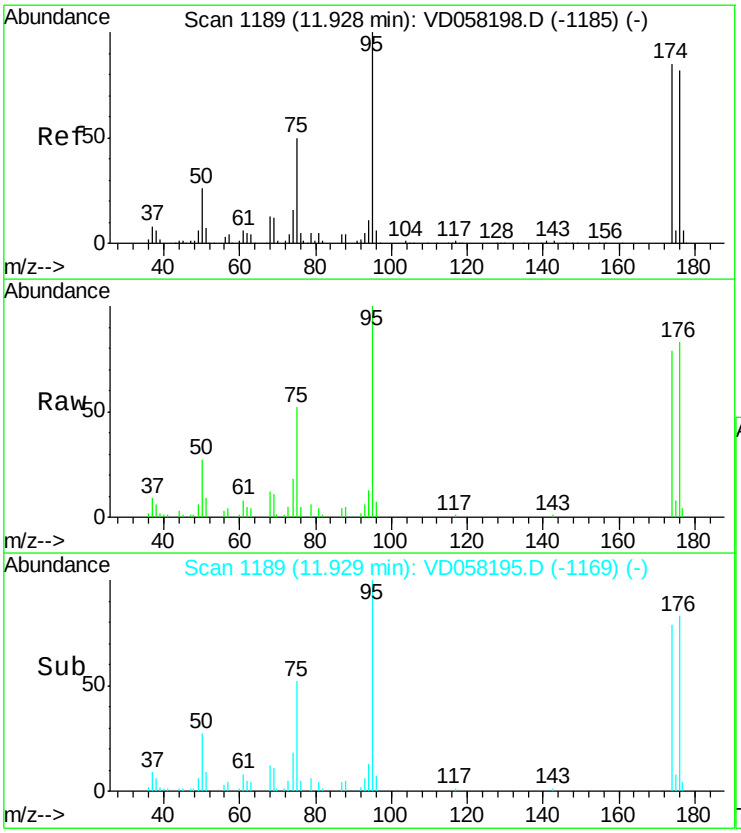

#61
1,2-Dibromoethane
Concen: 4.982 ug/l
RT: 10.10 min Scan# 1003
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC005

Tgt Ion:107 Resp: 34048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.7 | 74.8 | 112.2 |

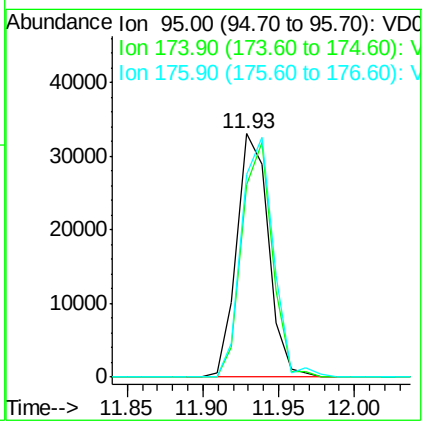


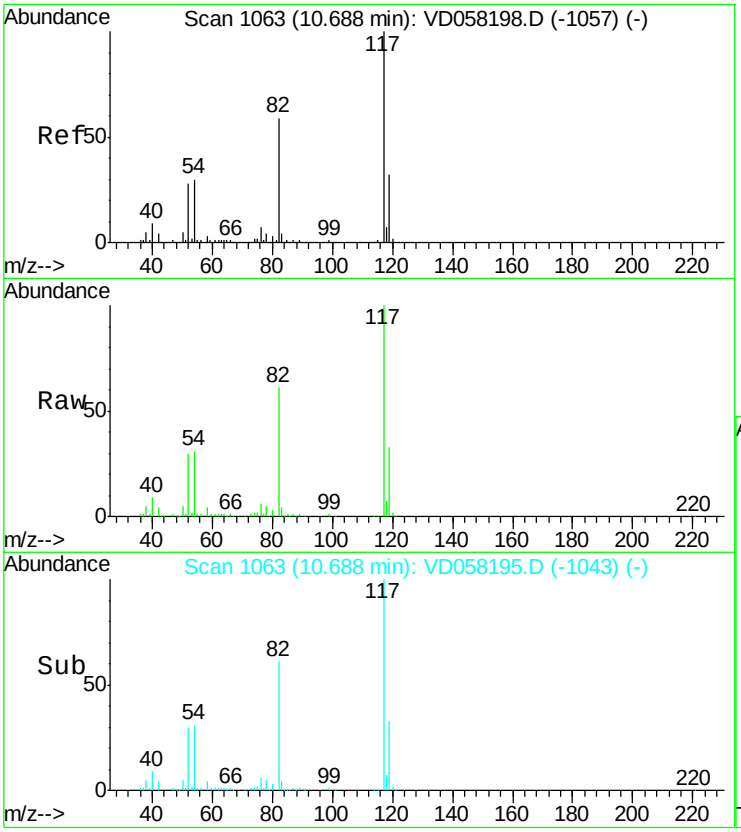




#62
4-Bromofluorobenzene
Concen: 4.982 ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 95 Resp: 48231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 78.9 | 0.0 | 170.2 |
| 176 | 83.1 | 0.0 | 164.6 |



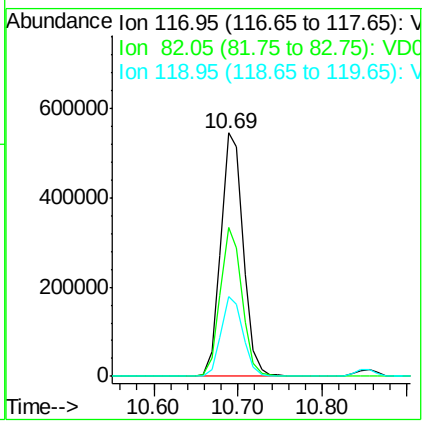


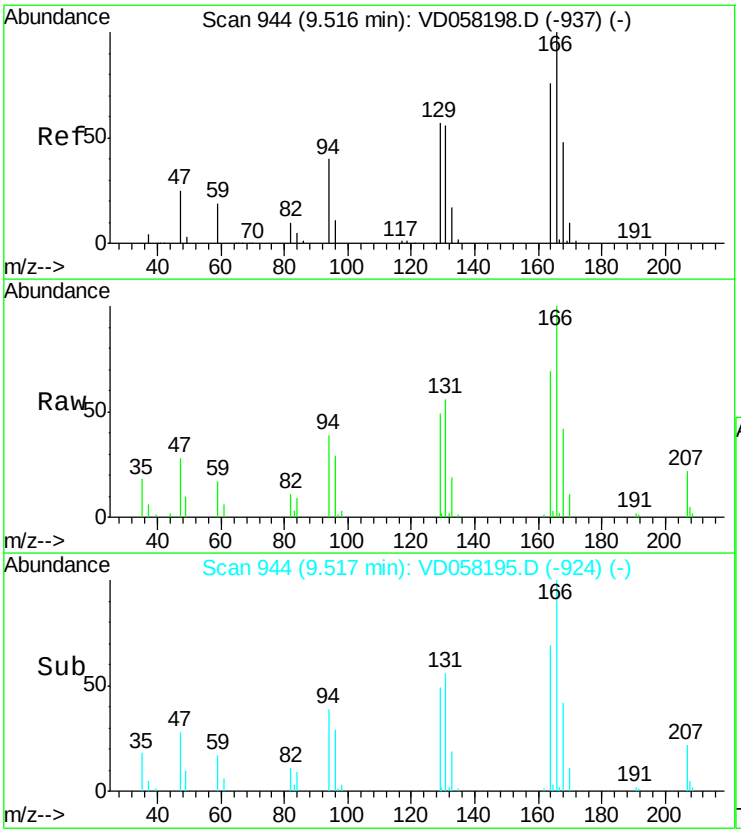

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC005

Tgt Ion:117 Resp: 1012220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 61.0 | 47.0 | 70.6 |
| 119 | 32.9 | 25.3 | 37.9 |

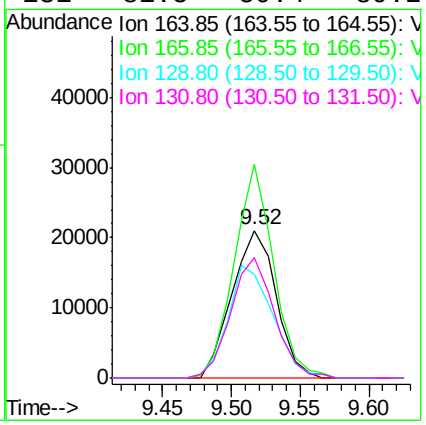


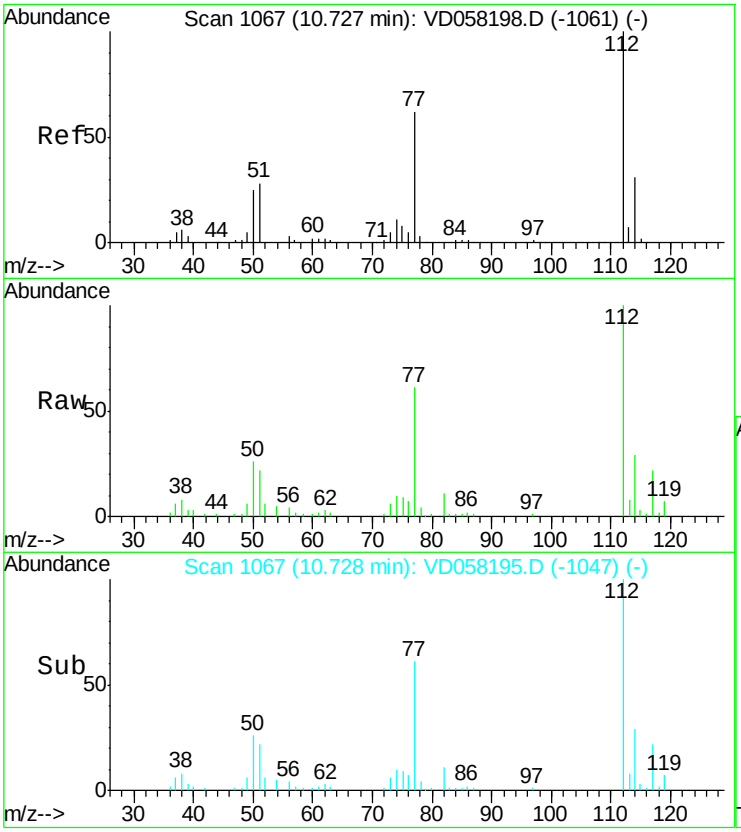




#64
Tetrachloroethene
Concen: 5.250 ug/l
RT: 9.52 min Scan# 944
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion:164 Resp: 46910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 145.0 | 105.4 | 158.0 |
| 129 | 70.7 | 59.6 | 89.4 |
| 131 | 81.5 | 59.4 | 89.2 |



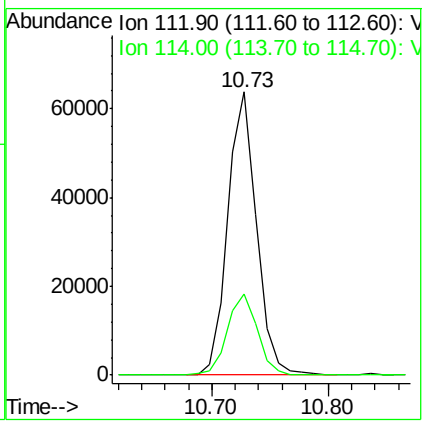


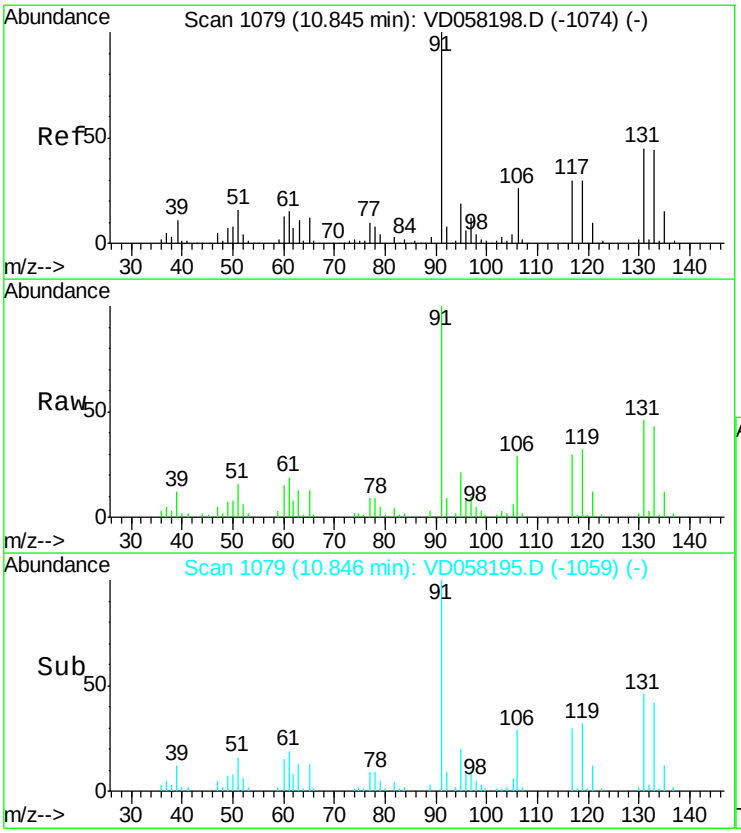

#65
Chlorobenzene
Concen: 5.410 ug/l
RT: 10.73 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion:112 Resp: 108807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 28.9 | 25.0 | 37.4 |

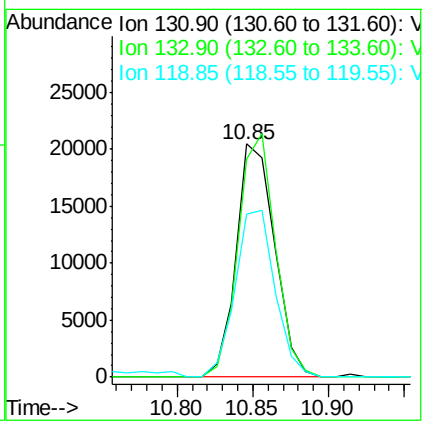


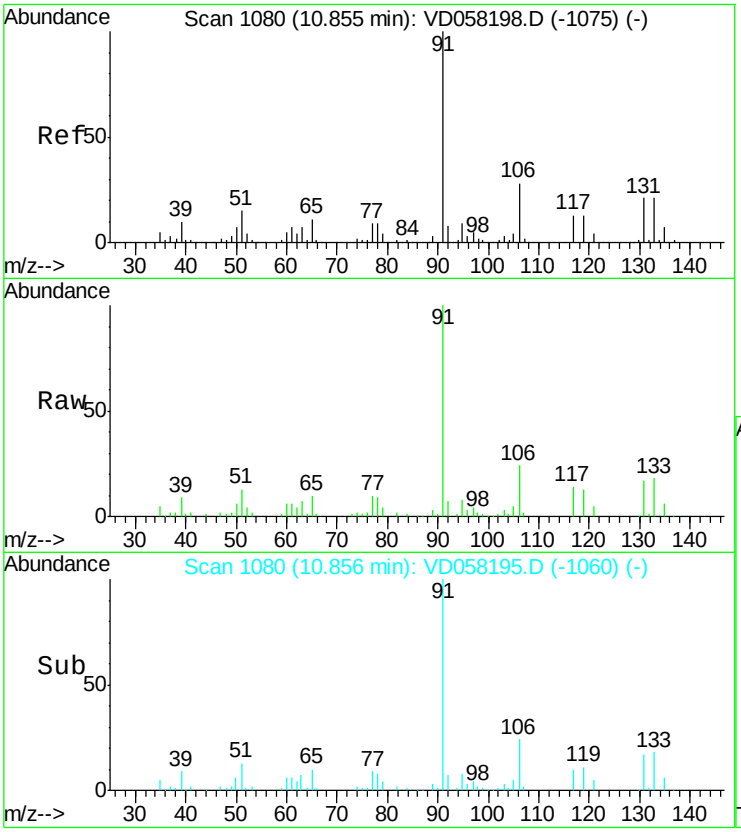




#66
1,1,1,2-Tetrachloroethane
Concen: 4.676 ug/l
RT: 10.85 min Scan# 1079
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion:131 Resp: 36201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 93.5 | 48.6 | 145.9 |
| 119 | 69.7 | 33.0 | 99.0 |



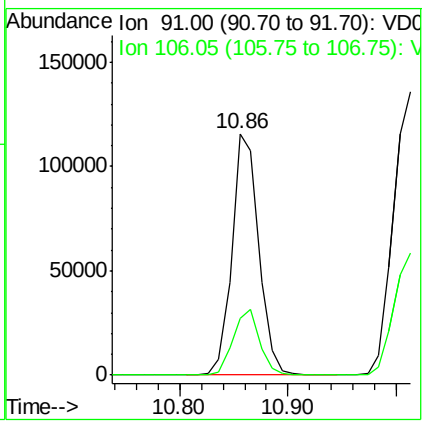


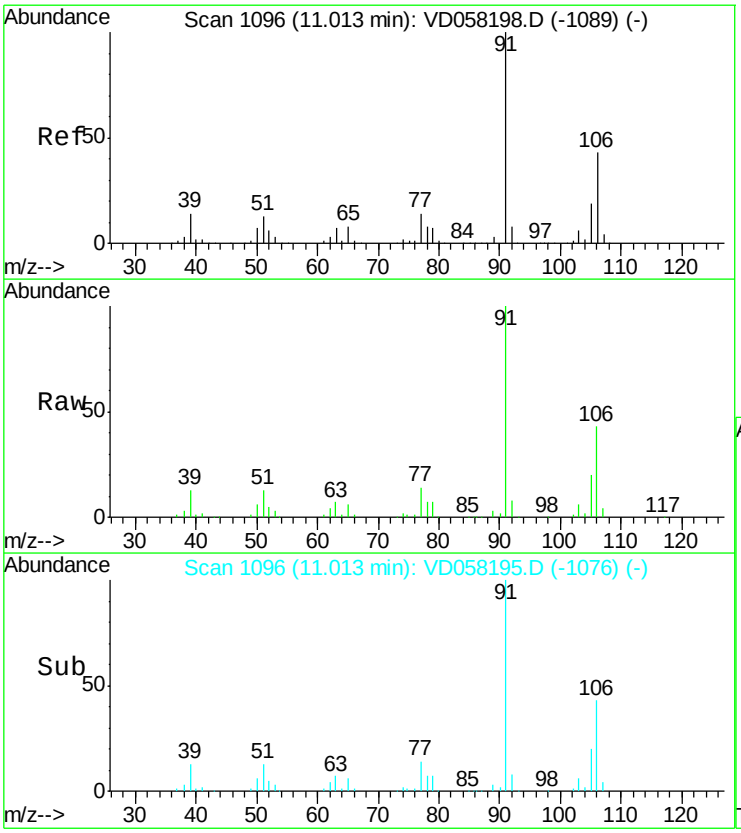

#67
Ethyl Benzene
Concen: 5.487 ug/l
RT: 10.86 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 91 Resp: 198448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 23.7 | 22.0 | 33.0 |

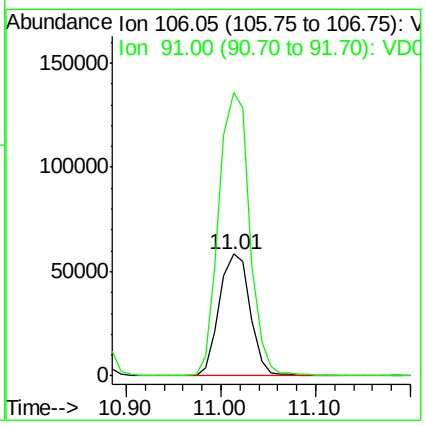


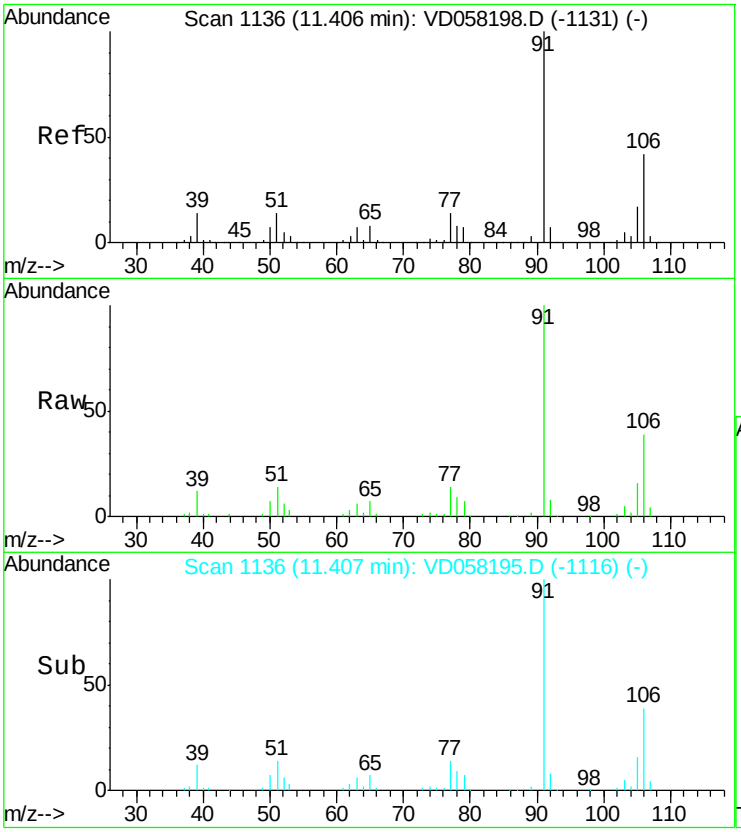




#68
m/p-Xylenes
Concen: 11.128 ug/l
RT: 11.01 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion:106 Resp: 131953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 232.9 | 185.0 | 277.6 |



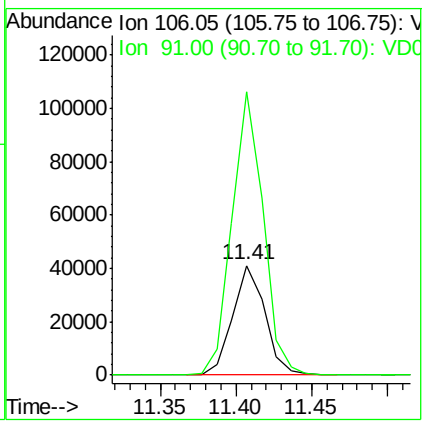


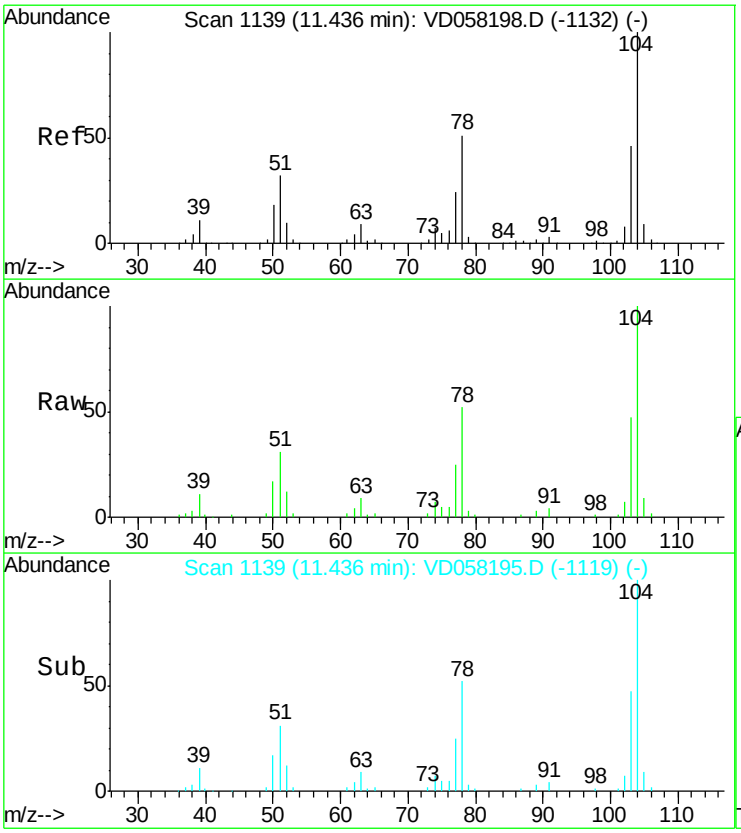

#69
o-Xylene
Concen: 5.203 ug/l
RT: 11.41 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion:106 Resp: 60591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 258.2 | 120.2 | 360.6 |

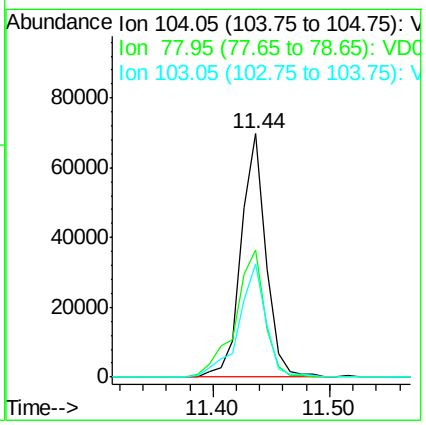


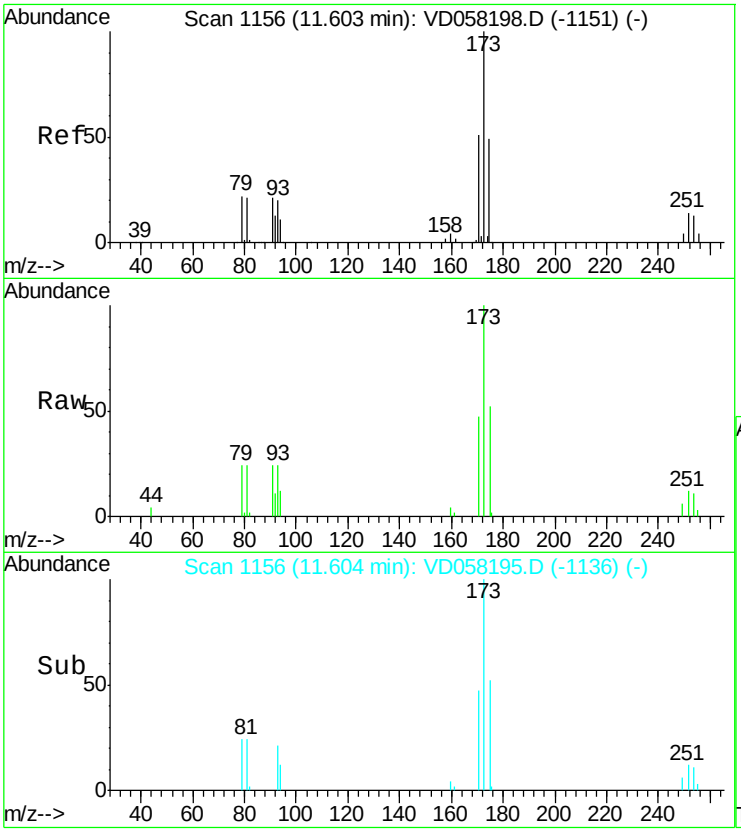




#70
Styrene
Concen: 5.289 ug/l
RT: 11.44 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion:104 Resp: 102569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 52.5 | 40.8 | 61.2 |
| 103 | 46.5 | 37.0 | 55.6 |



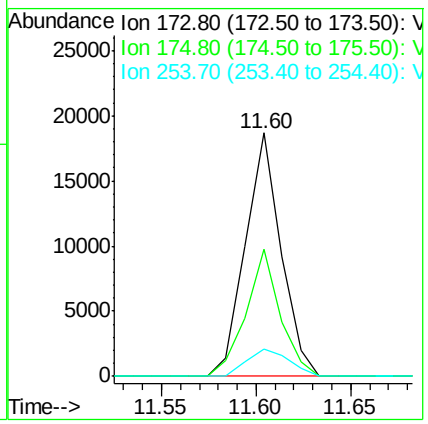


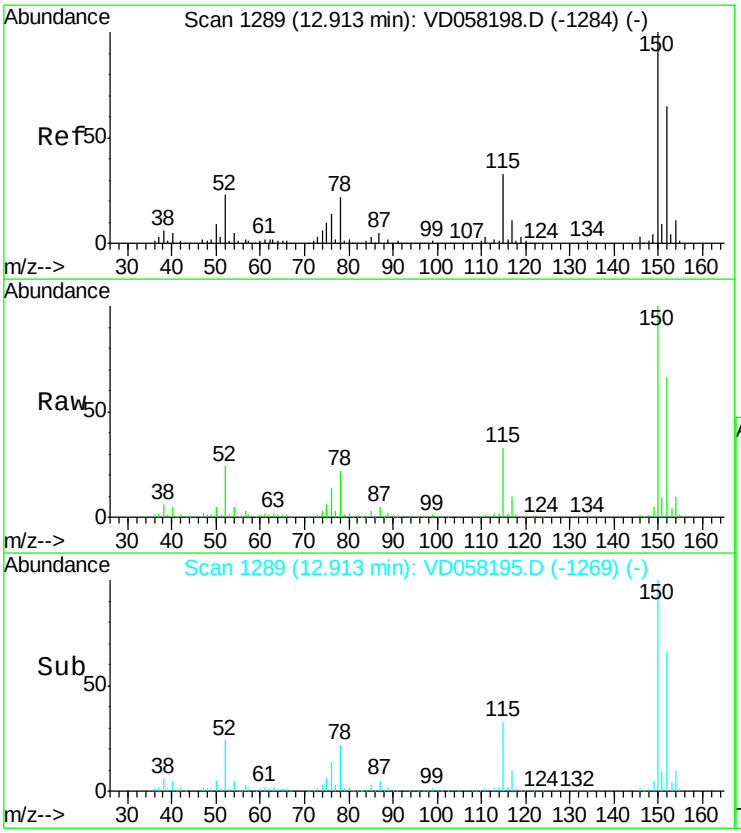

#71
Bromoform
Concen: 4.091 ug/l
RT: 11.60 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion:173 Resp: 24286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 52.2 | 24.6 | 74.0 |
| 254 | 11.1 | 10.3 | 15.5 |

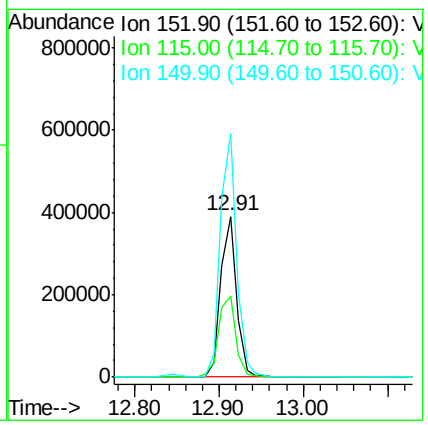


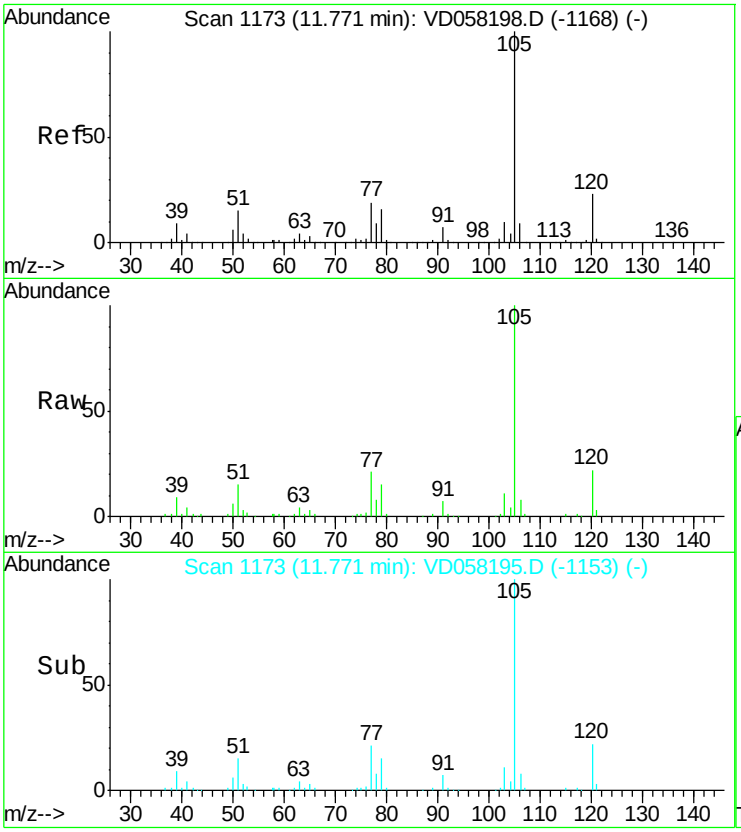




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion:152 Resp: 513800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 50.4 | 25.1 | 75.3 |
| 150 | 151.8 | 0.0 | 308.8 |



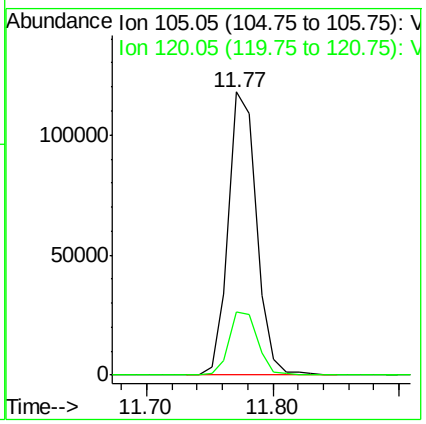


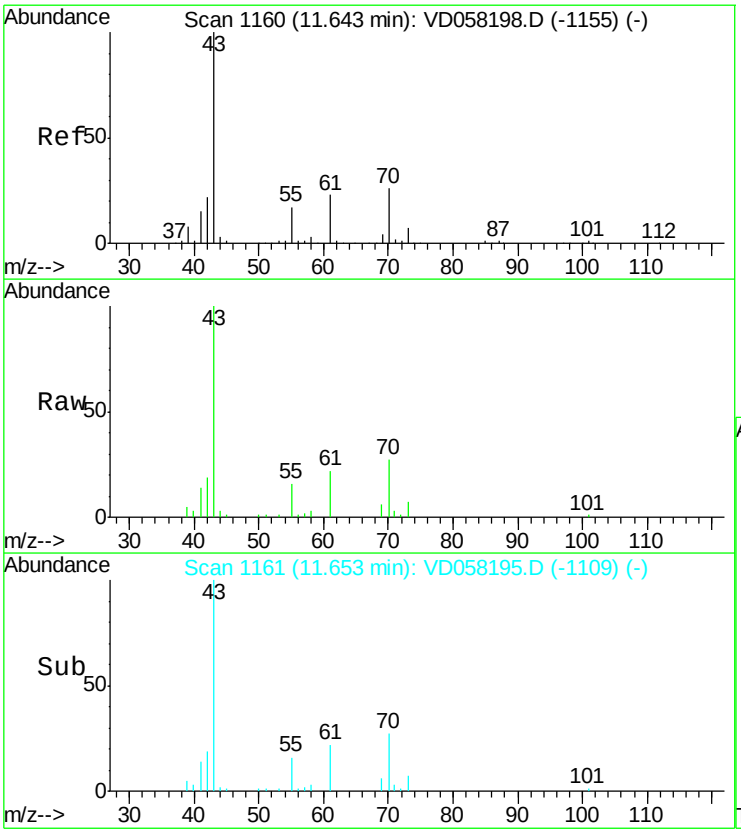

#73
Isopropylbenzene
Concen: 5.427 ug/l
RT: 11.77 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC005

Tgt Ion:105 Resp: 181047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 22.2 | 11.6 | 34.8 |

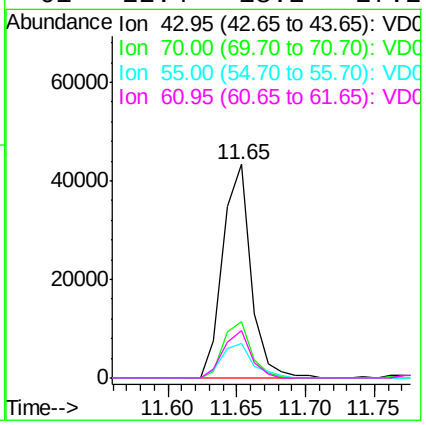


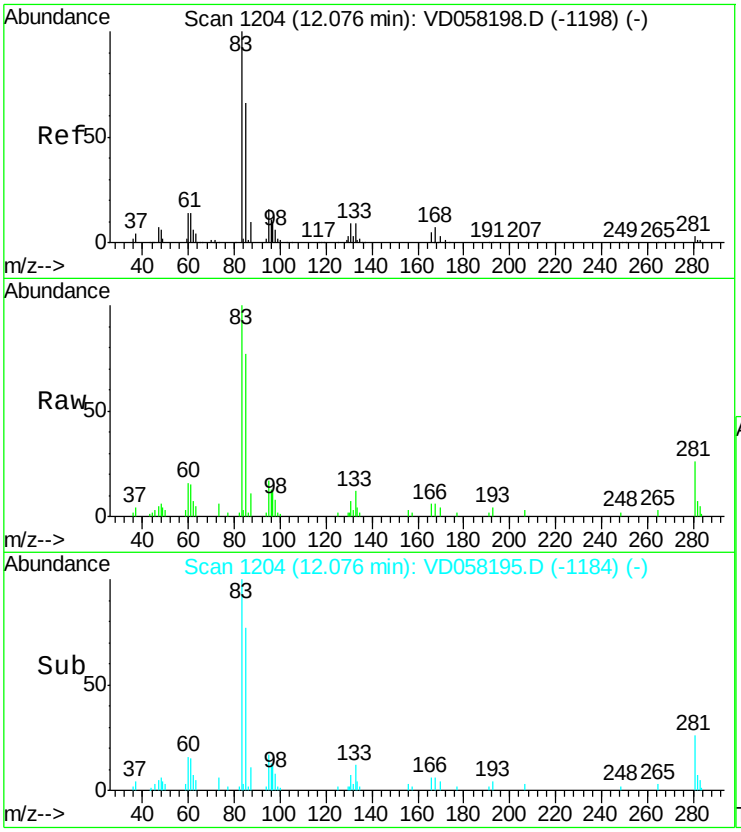




#74
N-amyl acetate
Concen: 4.692 ug/l
RT: 11.65 min Scan# 1161
Delta R.T. 0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 43 Resp: 61338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 26.5 | 20.9 | 31.3 |
| 55 | 16.2 | 13.5 | 20.3 |
| 61 | 22.4 | 18.2 | 27.2 |



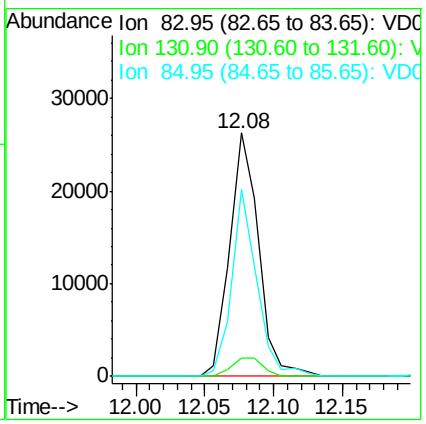


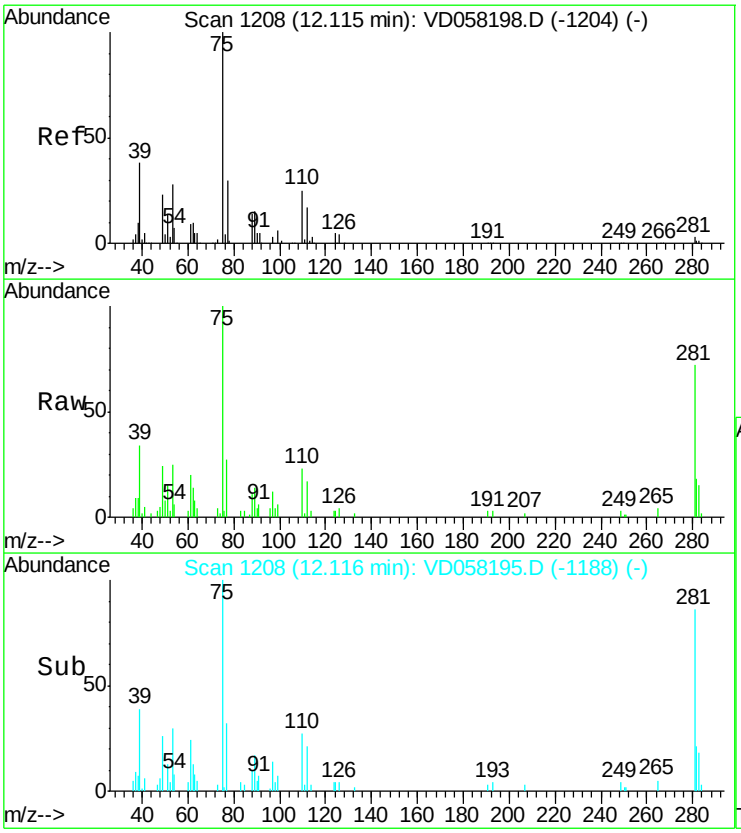

#75
1,1,2,2-Tetrachloroethane
Concen: 5.138 ug/l
RT: 12.08 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 83 Resp: 38294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 7.3 | 4.8 | 14.3 |
| 85 | 77.0 | 33.1 | 99.5 |

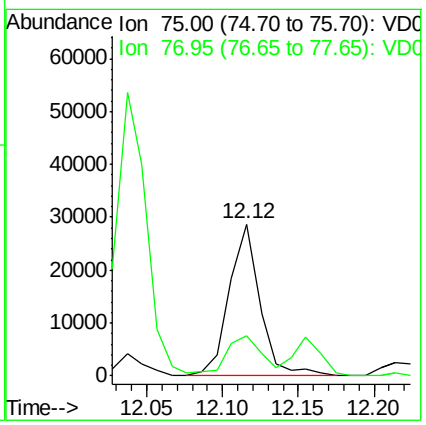


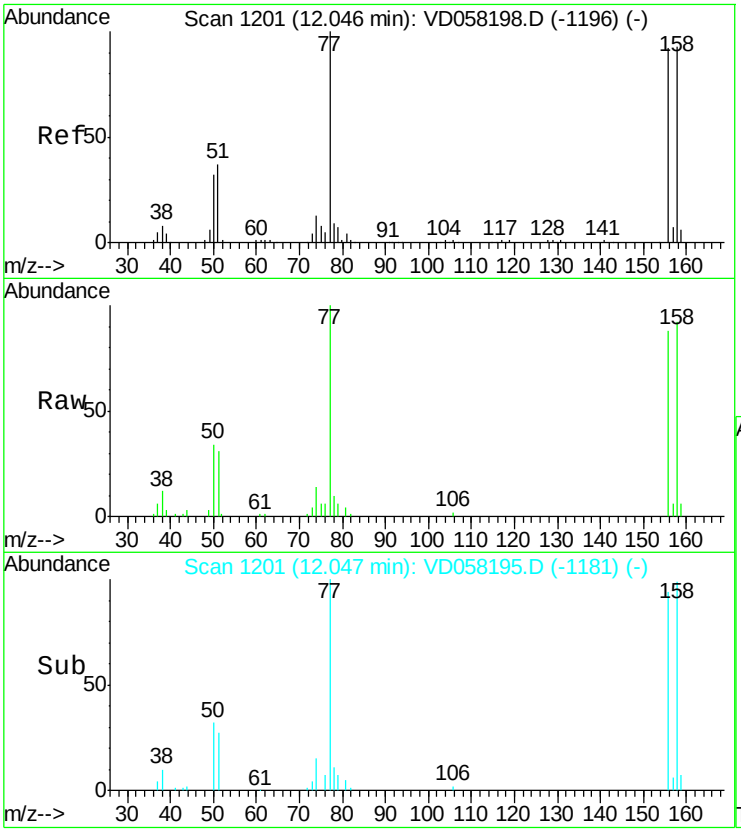




#76
1,2,3-Trichloropropane
Concen: 5.277 ug/l
RT: 12.12 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 75 Resp: 40930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 26.8 | 16.0 | 47.9 |



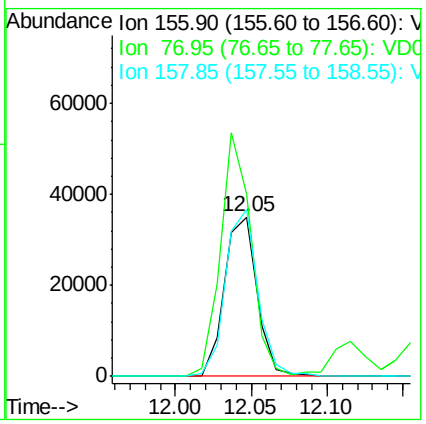


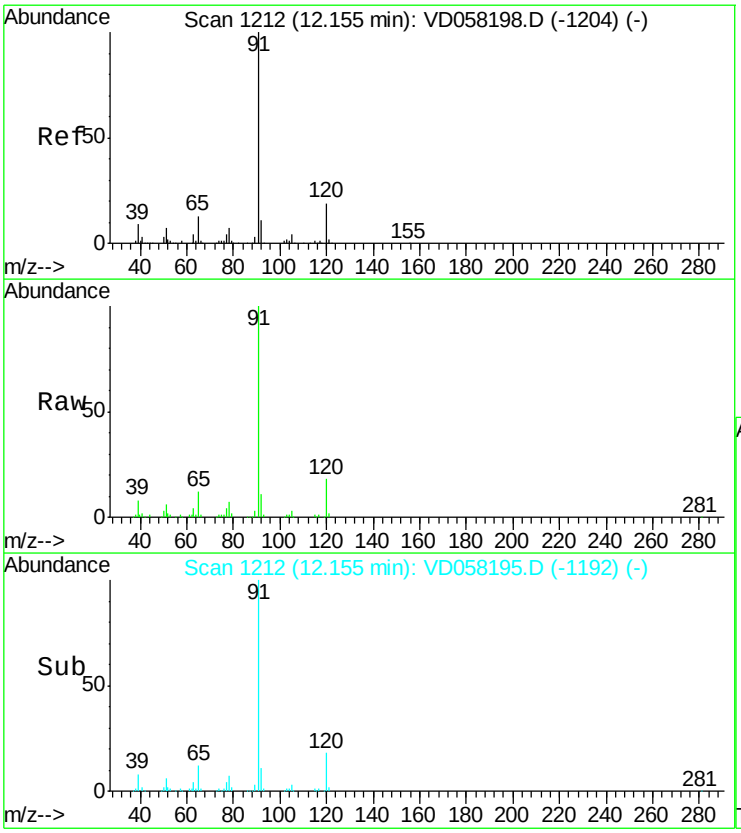

#77
Bromobenzene
Concen: 5.303 ug/l
RT: 12.05 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC005

Tgt Ion:156 Resp: 52536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 114.0 | 54.5 | 163.6 |
| 158 | 104.7 | 50.8 | 152.5 |

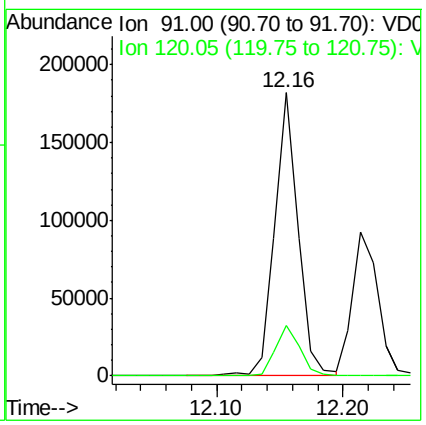


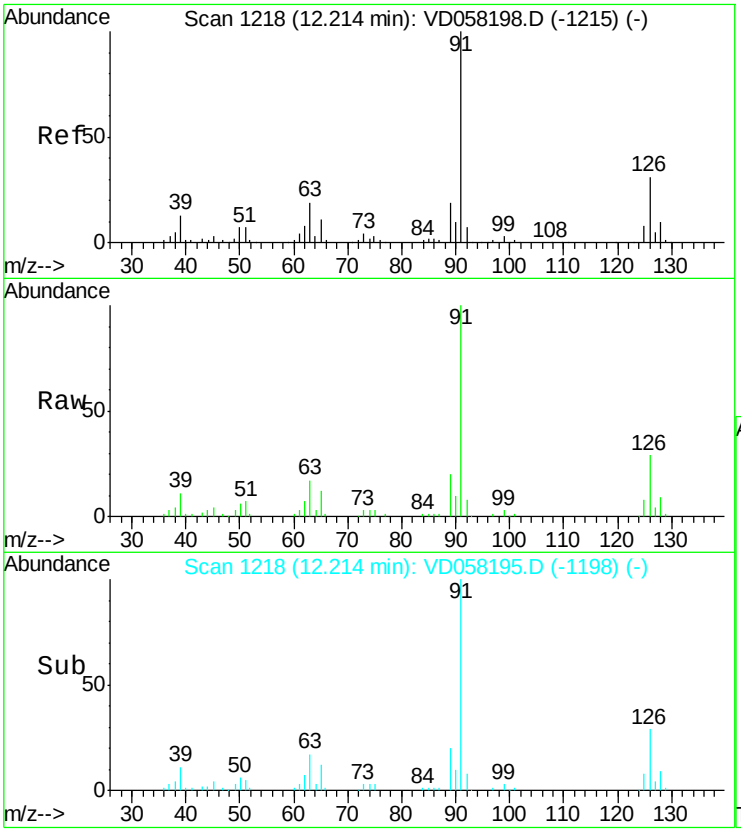




#78
n-propylbenzene
Concen: 5.375 ug/l
RT: 12.16 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 91 Resp: 234597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 18.0 | 9.7 | 29.1 |



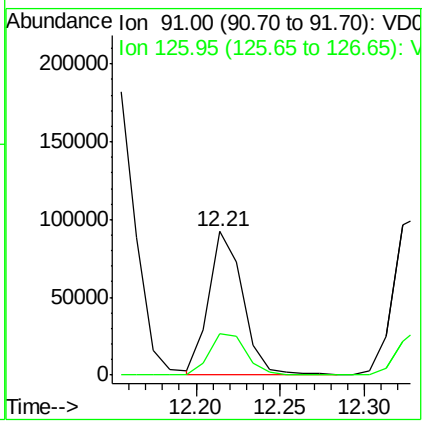


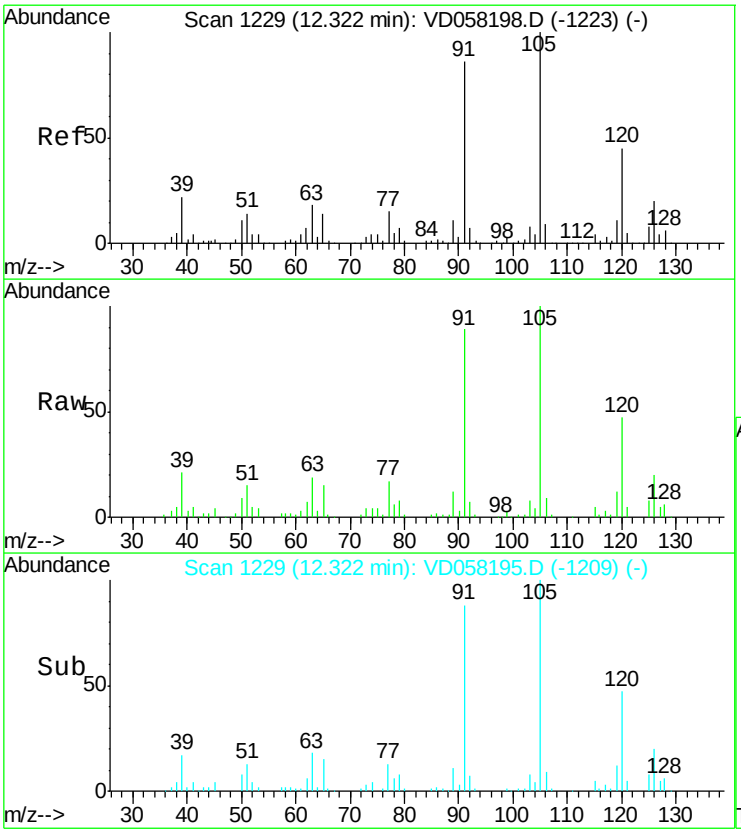

#79
2-Chlorotoluene
Concen: 5.139 ug/l
RT: 12.21 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 91 Resp: 127769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.0 | 14.9 | 44.5 |

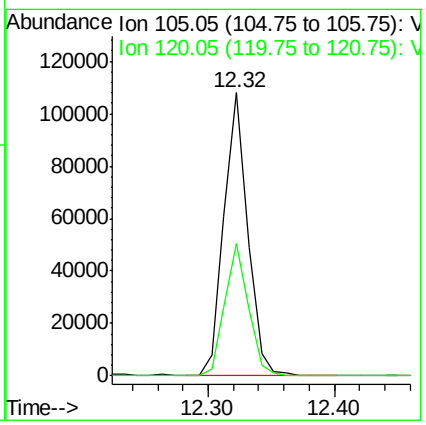


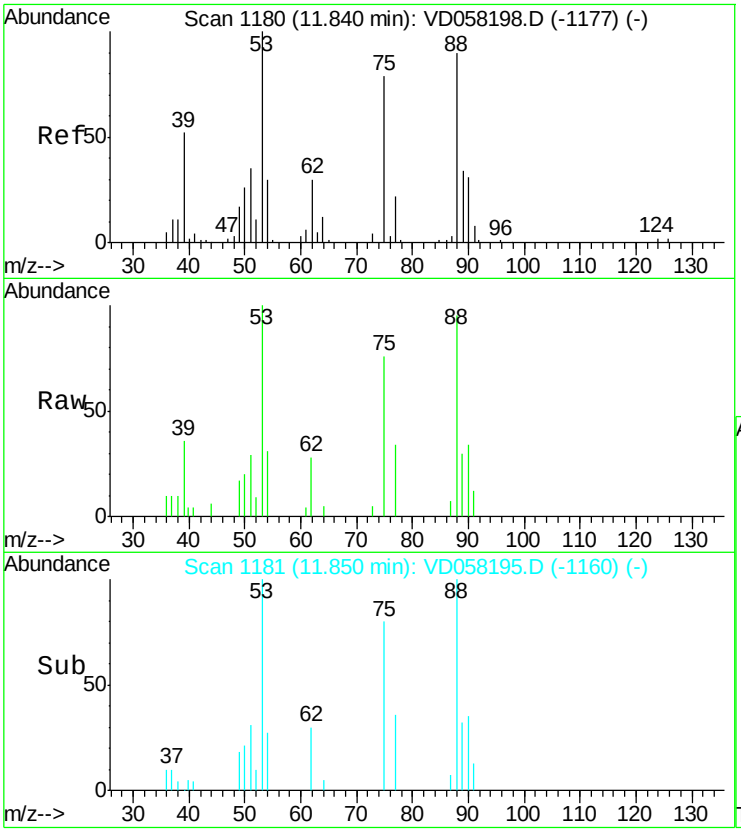




#80
1,3,5-Trimethylbenzene
Concen: 5.348 ug/l
RT: 12.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion:105 Resp: 140417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.8 | 22.5 | 67.5 |



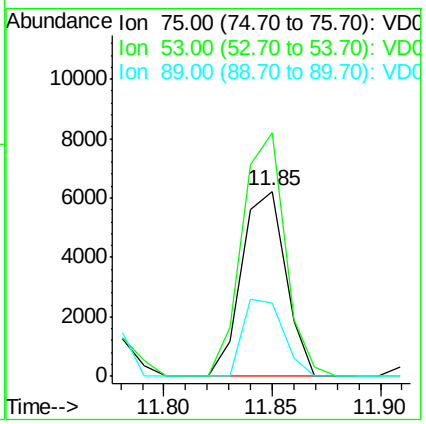


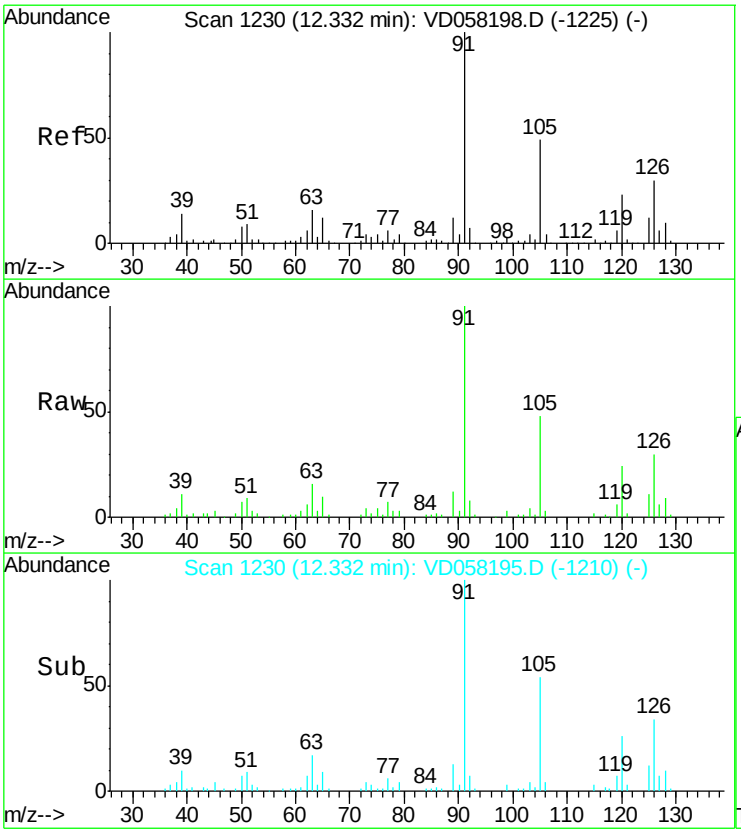

#81
trans-1,4-Dichloro-2-butene
Concen: 4.605 ug/l
RT: 11.85 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 75 Resp: 8796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 131.5 | 100.8 | 151.2 |
| 89 | 39.4 | 34.6 | 52.0 |

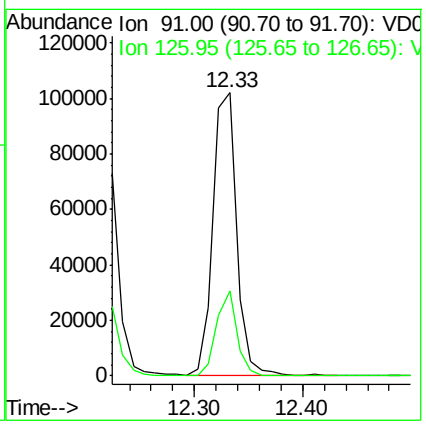


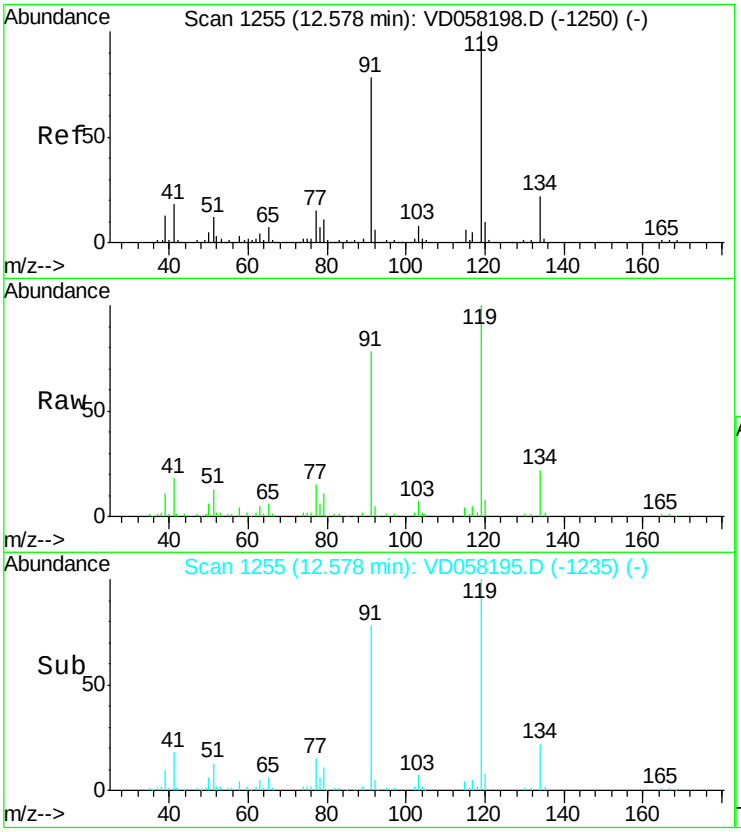




#82
4-Chlorotoluene
Concen: 5.672 ug/l
RT: 12.33 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 91 Resp: 155632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.9 | 14.9 | 44.9 |



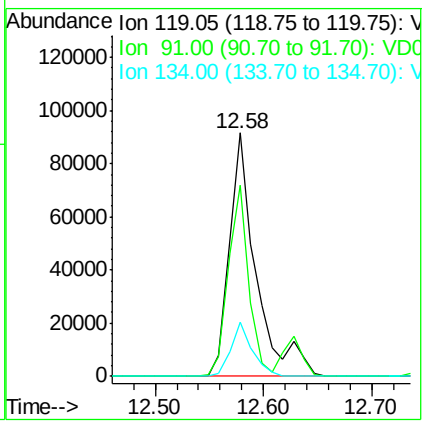


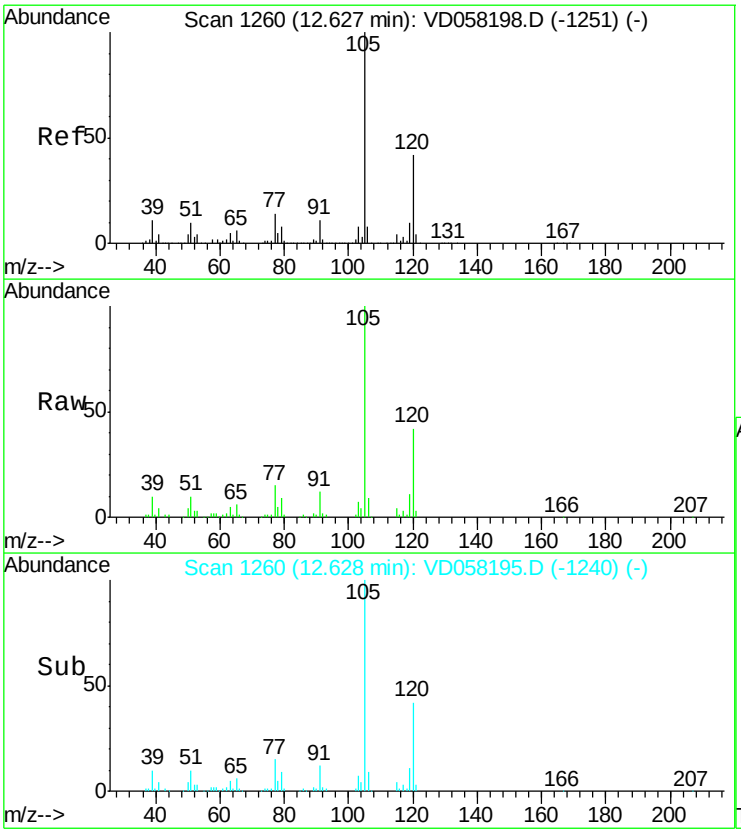

#83
tert-Butylbenzene
Concen: 5.318 ug/l
RT: 12.58 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion:119 Resp: 157062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 78.3 | 38.9 | 116.6 |
| 134 | 22.2 | 11.2 | 33.5 |

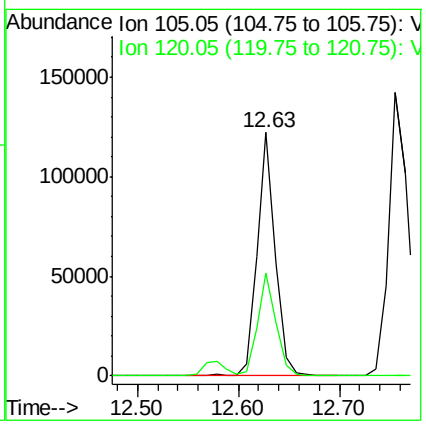


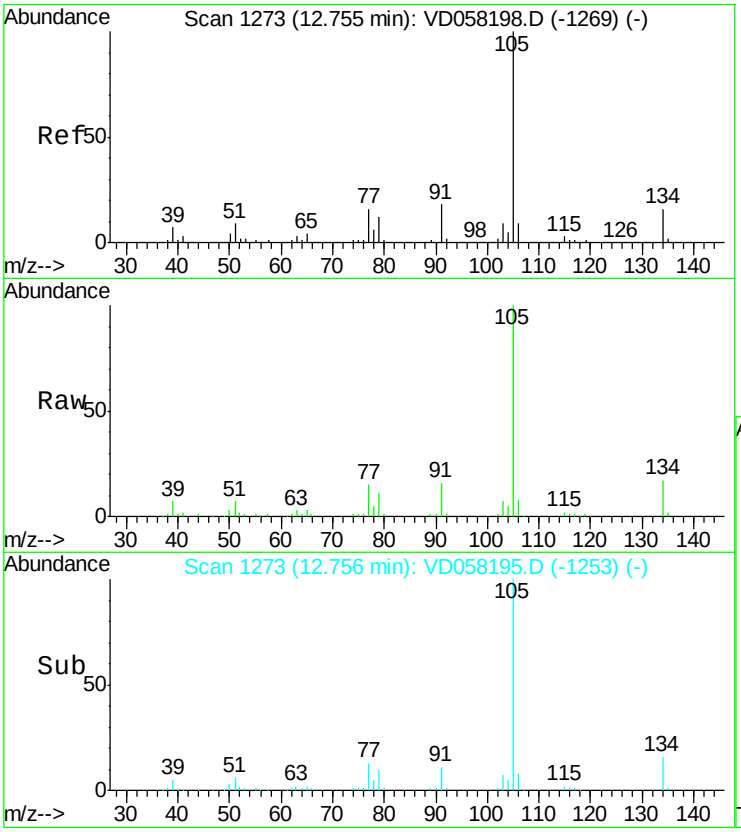




#84
1,2,4-Trimethylbenzene
Concen: 5.441 ug/l
RT: 12.63 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion:105 Resp: 152589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 42.3 | 20.8 | 62.4 |



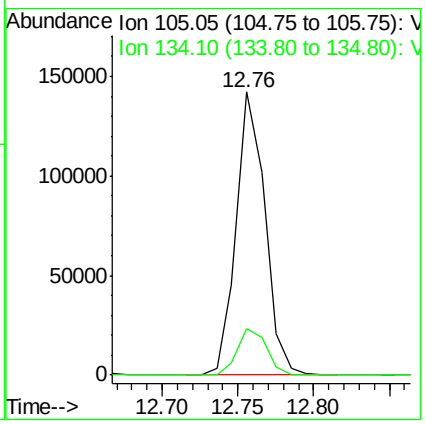


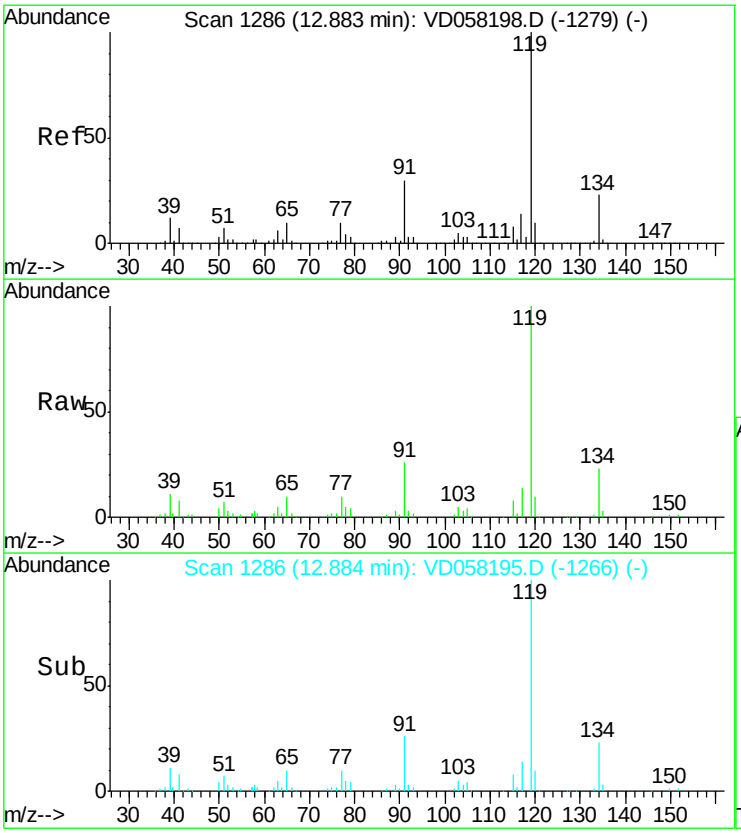

#85
sec-Butylbenzene
Concen: 5.281 ug/l
RT: 12.76 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion:105 Resp: 188424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 16.5 | 8.1 | 24.3 |

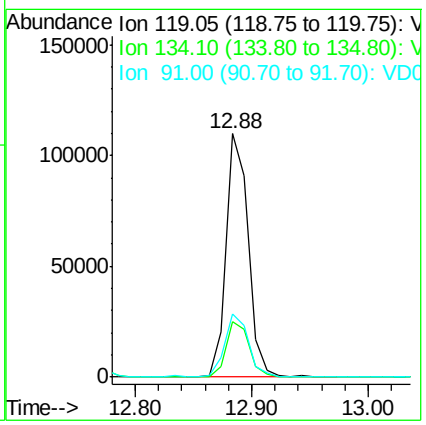


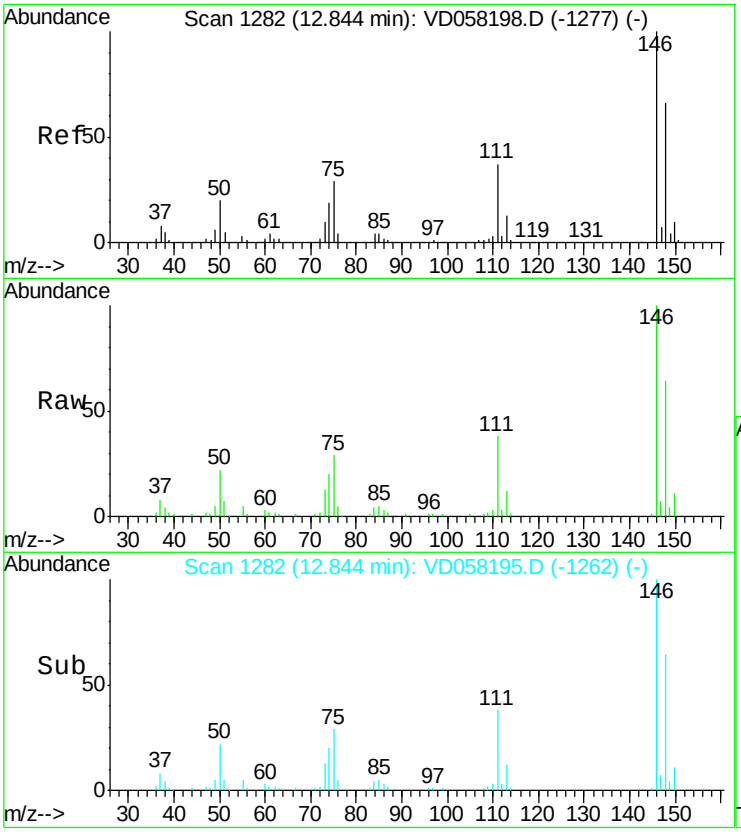




#86
p-Isopropyltoluene
Concen: 5.046 ug/l
RT: 12.88 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion:119 Resp: 144154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 22.6 | 11.6 | 34.8 |
| 91 | 26.2 | 15.0 | 45.1 |



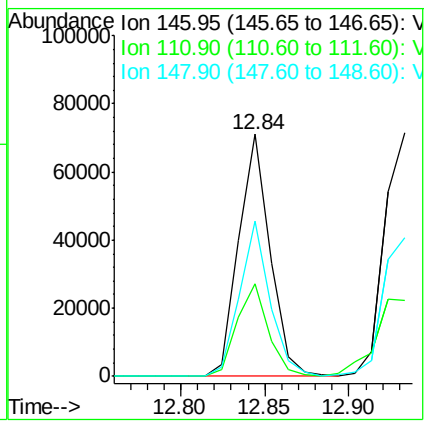


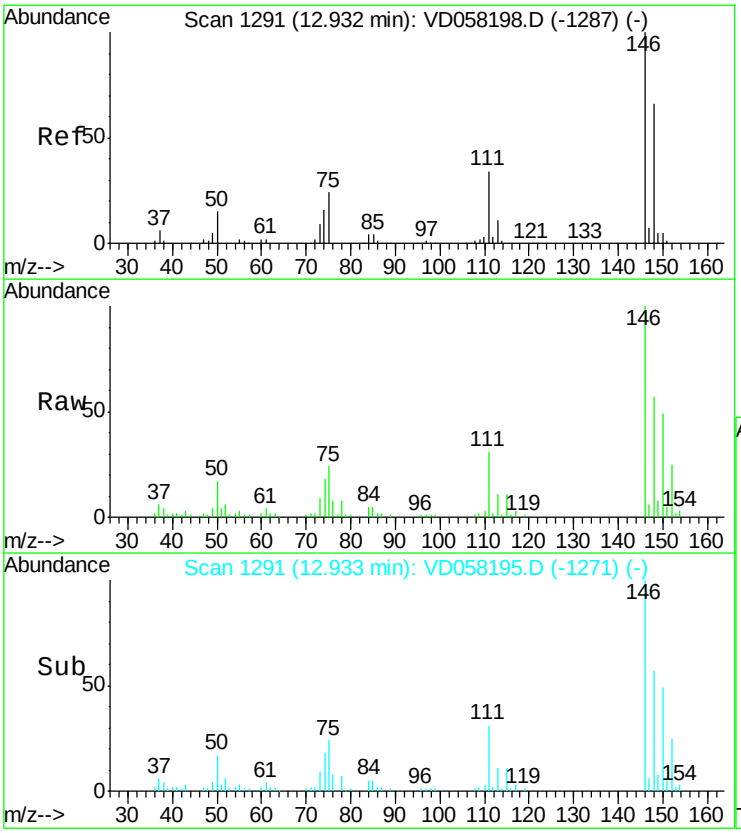

#87
1,3-Dichlorobenzene
Concen: 5.437 ug/l
RT: 12.84 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion:146 Resp: 91611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.1 | 18.4 | 55.0 |
| 148 | 64.0 | 32.8 | 98.4 |

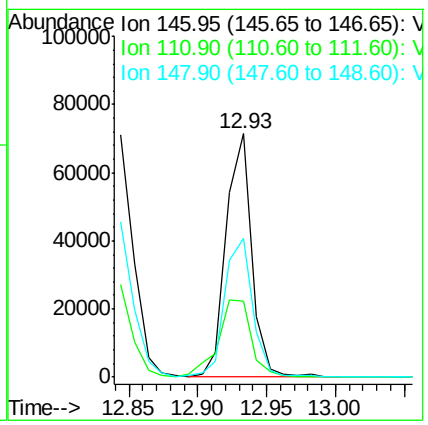


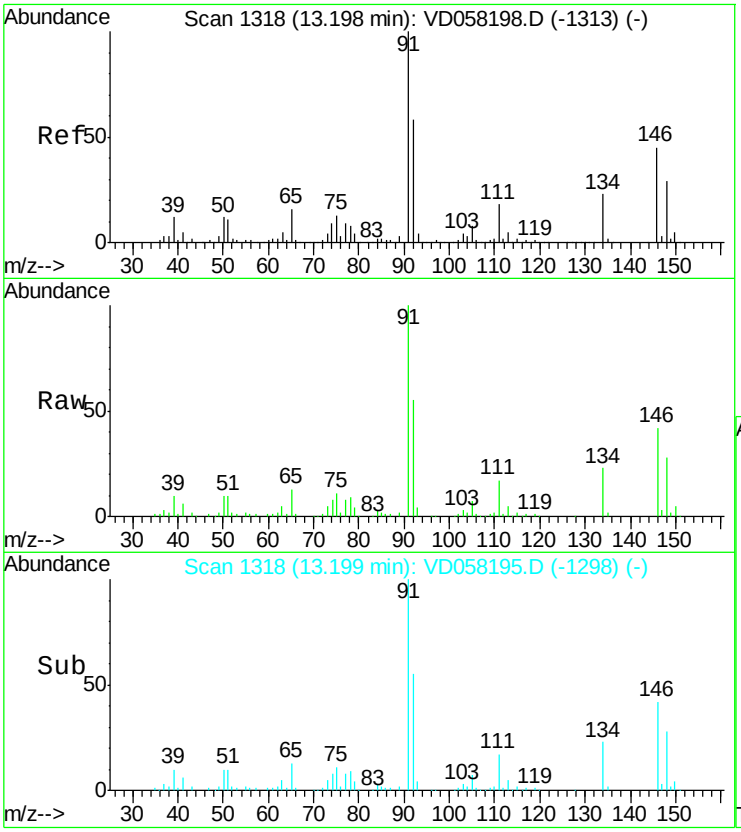




#88
1,4-Dichlorobenzene
Concen: 5.591 ug/l
RT: 12.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion:146 Resp: 92290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 31.3 | 17.2 | 51.5 |
| 148 | 56.7 | 33.1 | 99.3 |



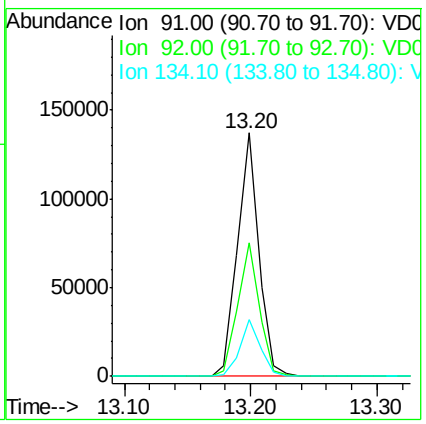


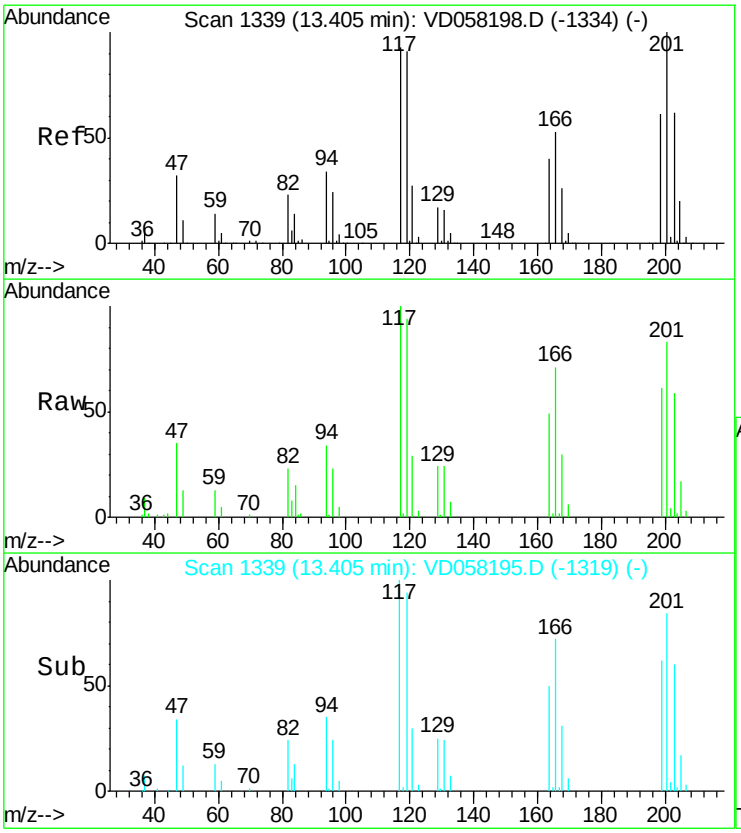

#89
n-Butylbenzene
Concen: 5.355 ug/l
RT: 13.20 min Scan# 1318
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion: 91 Resp: 159196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 55.0 | 29.2 | 87.6 |
| 134 | 23.3 | 11.3 | 33.8 |

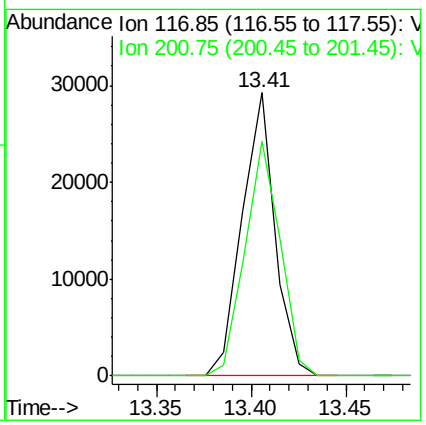


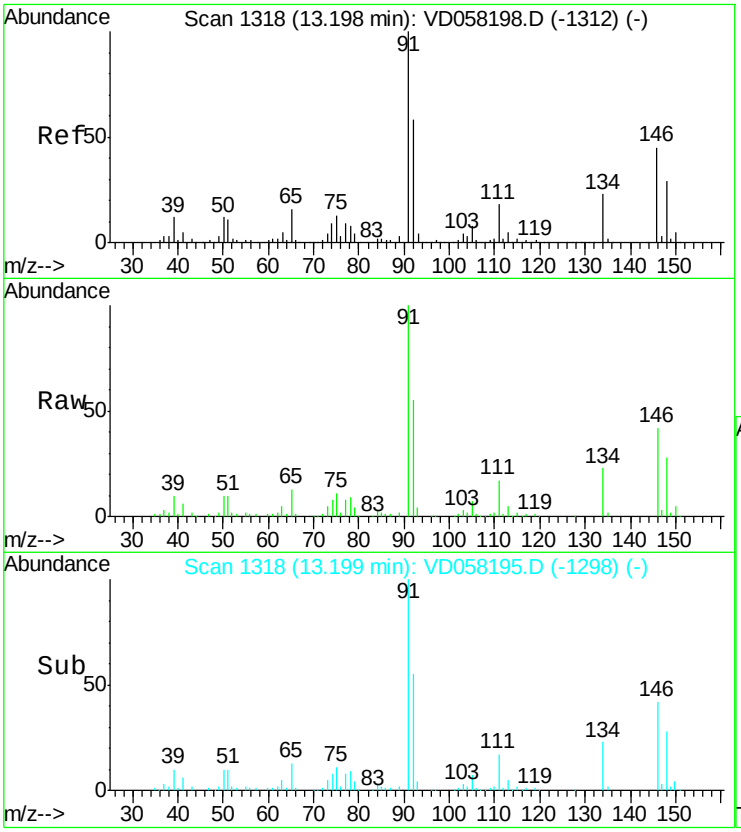




#90
Hexachloroethane
Concen: 4.790 ug/l
RT: 13.41 min Scan# 1339
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion:117 Resp: 35126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 83.0 | 53.8 | 161.4 |



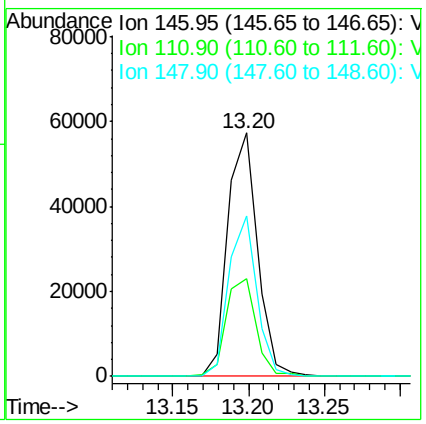


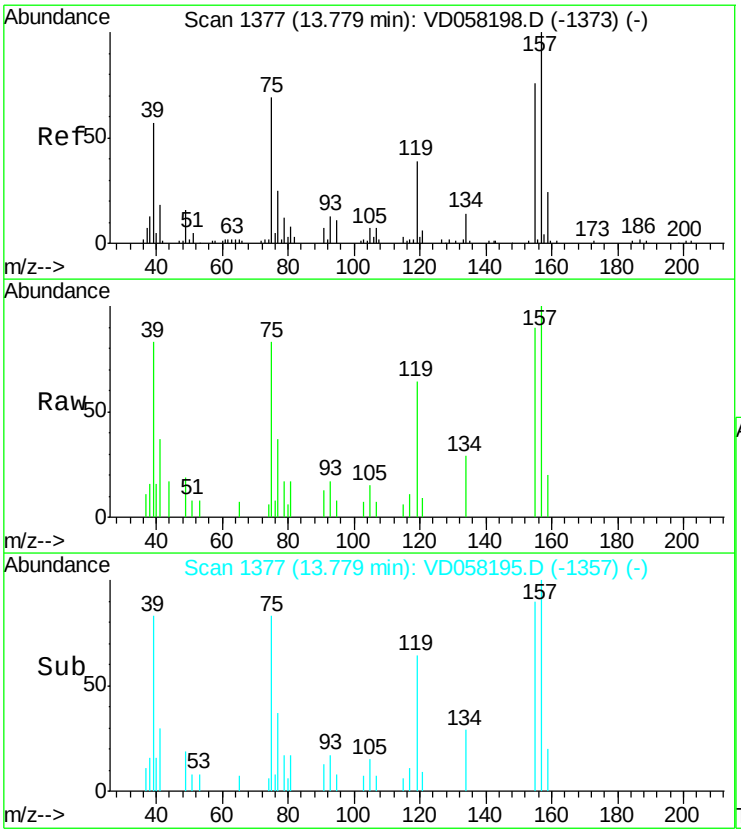

#91
1,2-Dichlorobenzene
Concen: 5.647 ug/l
RT: 13.20 min Scan# 1318
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion:146 Resp: 78212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.0 | 19.6 | 58.7 |
| 148 | 65.9 | 32.0 | 96.2 |

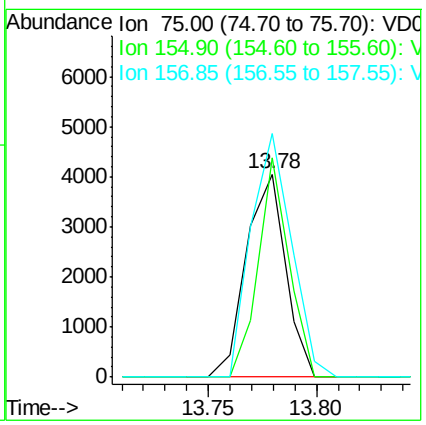


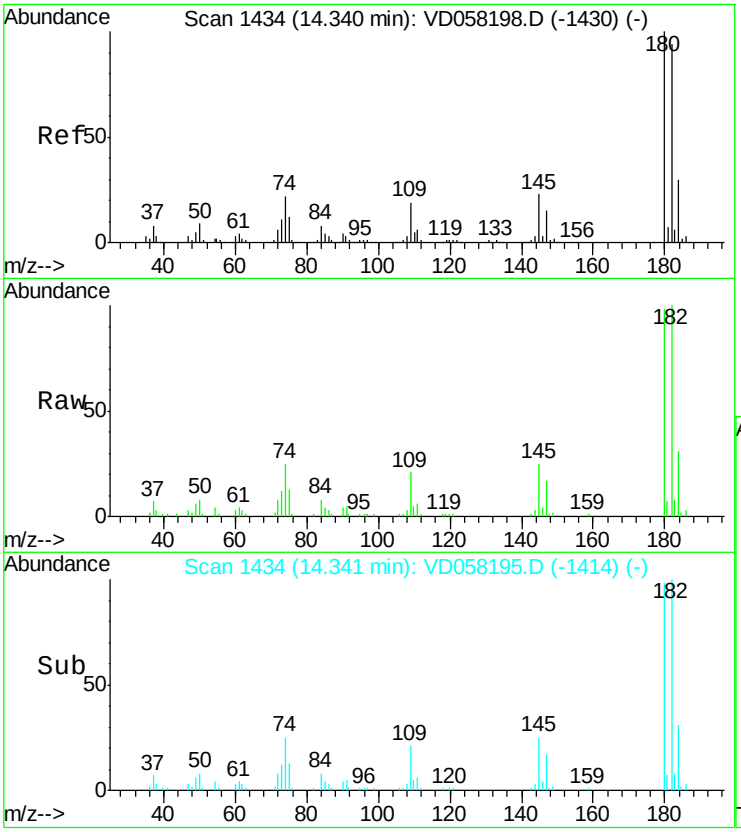




#92
1,2-Dibromo-3-Chloropropane
Concen: 4.426 ug/l
RT: 13.78 min Scan# 1377
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion: 75 Resp: 5101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 108.0 | 54.5 | 163.5 |
| 157 | 119.9 | 72.0 | 215.9 |



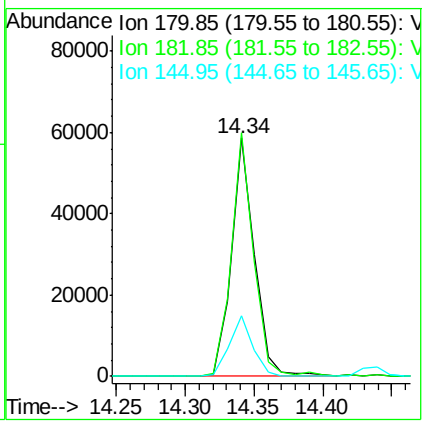


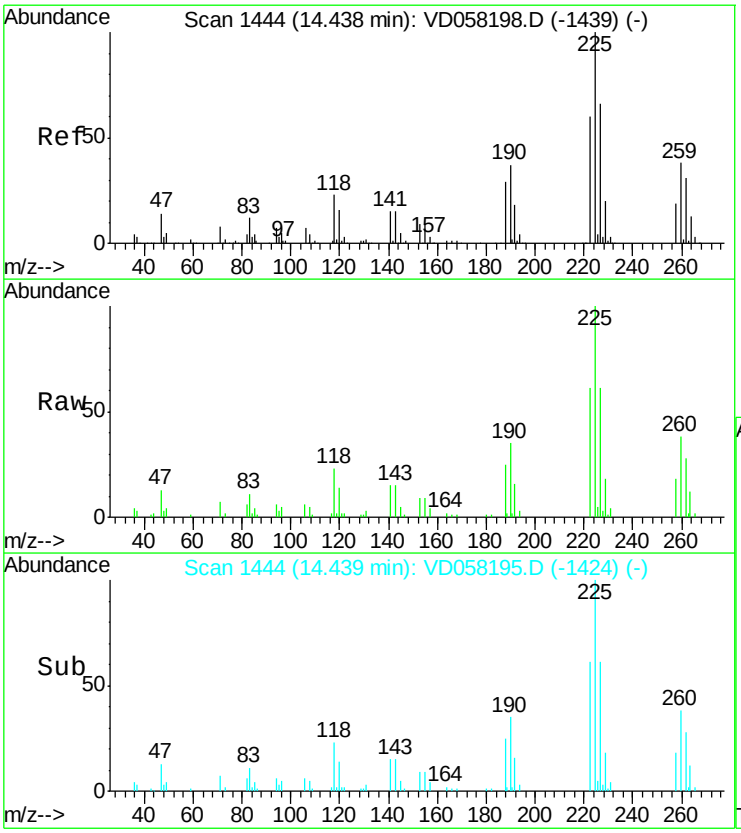

#93
1,2,4-Trichlorobenzene
Concen: 5.273 ug/l
RT: 14.34 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion:180 Resp: 68083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 102.2 | 47.1 | 141.3 |
| 145 | 25.2 | 11.7 | 35.0 |

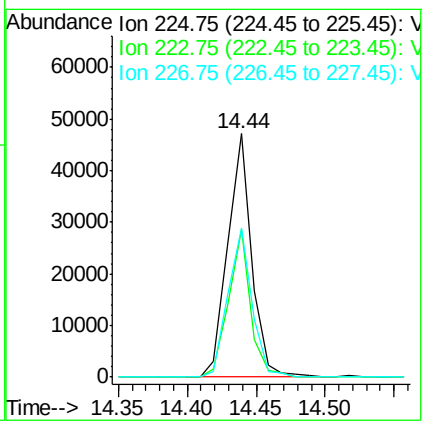


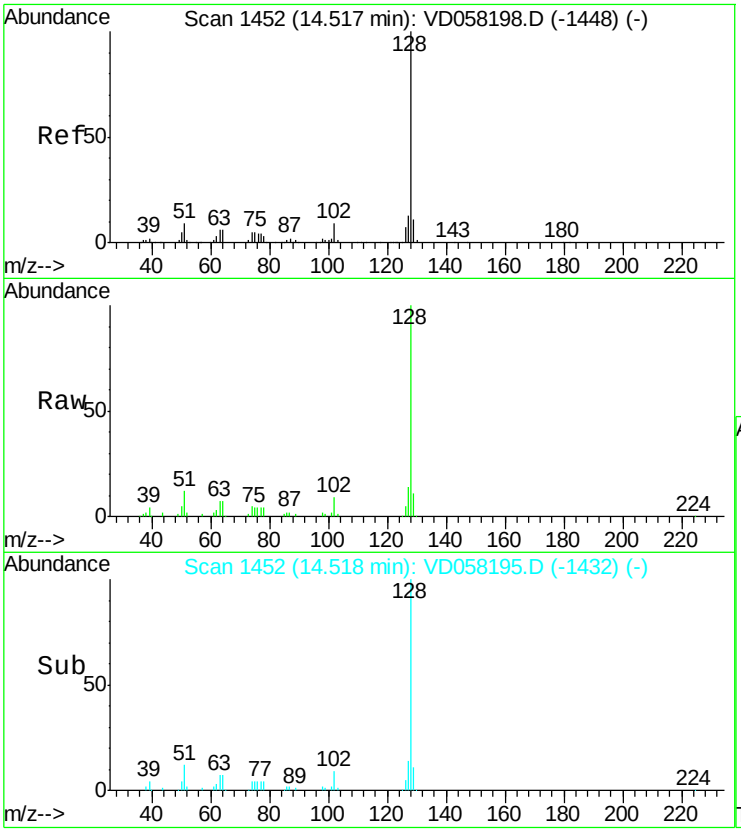




#94
Hexachlorobutadiene
Concen: 5.660 ug/l
RT: 14.44 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion:225 Resp: 56981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.9 | 30.1 | 90.3 |
| 227 | 61.4 | 33.0 | 98.9 |



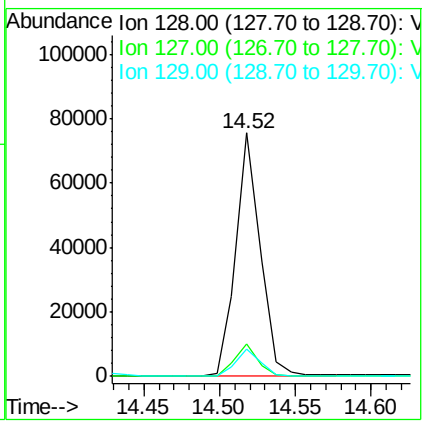


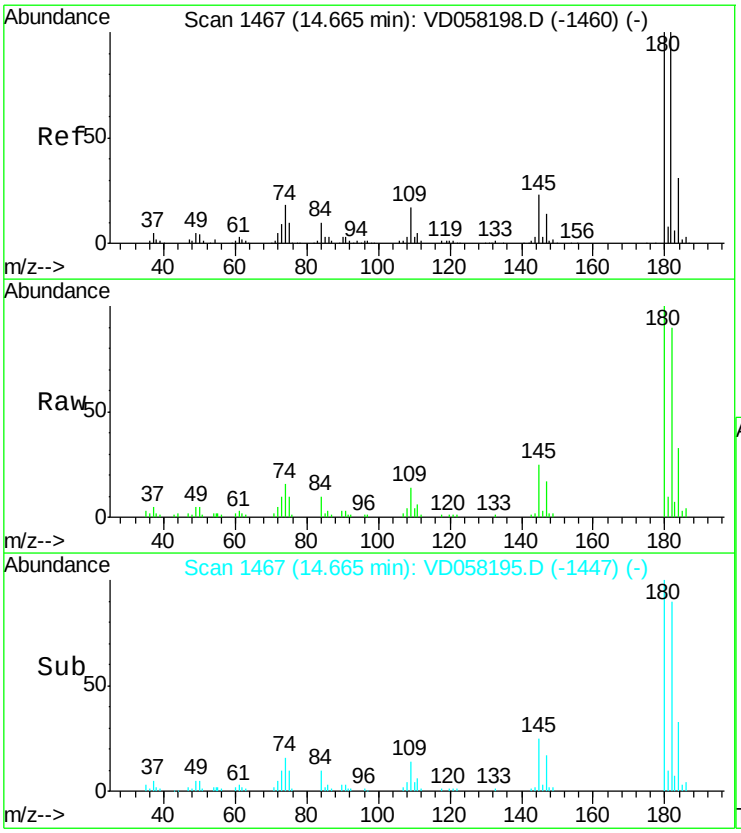

#95
Naphthalene
Concen: 5.030 ug/l
RT: 14.52 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC005

Tgt Ion:128 Resp: 85229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.6 | 10.0 | 15.0 |
| 129 | 11.1 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 5.799 ug/l
RT: 14.67 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VD058195.D
Acq: 19 Jun 2018 15:34

Tgt Ion:180 Resp: 64140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 89.9 | 49.9 | 149.6 |
| 145 | 25.5 | 11.7 | 35.1 |